**Shravan Kumar Chilukamarri**

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**Summary:**

* Having **12+ years** of experience in analysis, design, and implementation and testing of Object-Oriented Applications in Client/Server environments using **Java/J2EE** and front-end technology stack.
* Experience working with various **methodologies** based on **Agile, Scrum**, **Waterfall Model**, **TDD**, **Iterations.**
* Expertise in **Object Oriented** and **Multi-threaded/Concurrent** Programming using Java/J2EE related technologies.
* Experienced in **Middleware persistence framework** like **Hibernate/JPA, JDBC, iBatis** for mapping Java **POJO** classes/Objects with database and using **Hibernate Query Language (HQL)**.
* Experienced in **Full stack** front end technologies using **Grunt js, Glup Server, Yoman generator** for Angular.
* Experienced in **Client-side validation, Client-Server data interaction using Ajax in Nodejs.**
* Experience in working with **Service Oriented Architecture (SOA)** which includes Universal Description and Discovery Integration (**UDDI**) lookups and **WSDL**, **JAX-WS** and **JAX-RS** using **res** protocol.
* Designed and developed the End Points (Controllers), Business Layer**, DAO Layer using Hibernate and Spring IOC (Dependency Injection).**
* Hands on experience in Front-End technologies like **Angular 9, Angular 8, Angular 6, ReactJS, NodeJS, JavaScript, Type Script, HTML5, CSS3/4, Bootstrap, Tag Libraries, AJAX** for web page designing.
* Experience in using various **AWS** Components like EC2 for virtual servers, S3 and Glacier storing objects, EBS**, Cloud Front, Elastic cache, IAM, S3, Cloud Watch, Cloud Formation** and **Dynamo DB**.
* Experienced in designing and developing enterprise and web applications using **Java 7/8, Servlets, JSP, JDBC, JNDI, JPA, Struts, EJB, Spring, Hibernate, Scala, SOAP, REST, AWS, JMS, XML, JUnit.**
* Experience in implemented Security in Web Applications using **Azure**and Deployed Web Applications to **Azure**and deployed **Azure** resource manager-based resources.
* Developed applications using latest technologies like **EJB3.0, Spring2.x/3.x/4.x, Hibernate3.2/4.x, and REST based Web services (axis2.0, JAX WS 2.0), Rule Engines (Drools4.1, ILOG), XML API and tools**.
* Experience in implementing Java EE design patterns such as **MVC, Singleton**, **Factory, Session Facade, DAO, DTO, Command** and Business Delegate in the development of Multi-Tier distributed Enterprise Applications.
* Experience in configuring and deploying the applications on **Tomcat**, **WebSphere**, **WebLogic** and **JBoss** Servers
* Good Experience in designing **Java, J2EE** applications using **Amazon Web Services** and have good knowledge of AWS services like **EC2, S3, Elastic Beanstalk, ELB, VPC, Direct Connect, Route53, SNS, SQS, Cloud Watch.**
* Experienced in working with multiple databases like **Oracle 10g/11g/12c**, **SQL Server**, **MySQL**, **DB2**, **NOSQL DB like Mongo DB, Cassandra** and written complex **SQL queries, procedures, Triggers** and **Stored procedures**.
* Experience in debugging and logging using the log framework - **log4j** and analysis and reporting with **Splunk**.
* Experience Microsoft Azure date storage and Azure**Data Factory**, Data Lake.
* Expertise in applying **JMS** (Java Messaging Service) for reliable information exchange across Java applications using **Apache Kafka** to communicate from Client to server.
* Expertise in using **Apache Kafka** in cluster as messaging system between the **APIs** and **microservices**.
* Experience in maintaining log delivery system by creating producer, consumer and broker architecture using **Apache Kafka**.
* Experienced in application build tools like **ANT**, **Maven, Jenkins, Kubernetes and Docker**.
* Strong experience in **TDD**, using the JUnit framework with **Mockito, Power Mockito**&**SpringJunitRunner**.
* Worked with the UI/UX designer and bridge the gap between graphical design and technical implementation, taking an active role on the both sides.
* Good experience in unit testing using **Karma, Jasmine** and **JUnit,** Automated Testing **Selenium** (IDE/Web driver), Integration testing using **Selenium**, **Hudson**, **Jenkins and Apache Camel.**
* Experienced in development, testing and deployment of enterprise applications on **Windows**&**UNIX** platforms using IDE's such as **Eclipse**, **Rational Application Developer (RAD)**, **Netbeans**, **Spring Tool Suite (STS),intellij.**
* Managed a team in the last project and supervised the project which had 10 people consisting of 4 developers, 3 testers, 1 scrum master, 1 product owner and 1 UX Designer.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Languages**  | Java 1.8, J2EE  |
| **Web Technologies**  | SERVLETS 3.1, JSP 3.0, JavaBeans 3.0, Java Servlet API 3.0  |
| **Frameworks** | Spring 4.3, Hibernate 4.3, Angular JS 1.0/1.5/2.0, Spring Security 3.2  |
| **Application/Web servers**  | Apache Tomcat 8, IBM WebSphere 8.x/9.x, Jetty, Jenkins 2.50, WebSphere MQ 7.5  |
| **Relational Databases** | Oracle 10g/11g, SQL server 2012/2014/2016, MySQL 5.7, DB2 11.1  |
| **NoSQL Databases**  | MongoDB, Cassandra  |
| **Internet Technologies**  | HTML 5, JavaScript 1.8, XML 2.0, CSS 3, jQuery 2.11, 8JS 2.0, BackBone.JS 1.3.1, Node JS 6.0.  |
| **Cloud Environments**  | Azure, AWS, Netflix Eureka, Mesos, Kubernetes.  |
| **IDE** | Eclipse, NetBeans, IntelliJ, Spring Tool Suite (STS) 3 Visual Studio Code |
| **Operating system**  | Windows 10, Linux, Unix  |
| **Bug tracking Tools**  | JUNIT4.12, JIRA 7.0, Bugzilla 4.4.12, Curl 7.36  |
| **Reporting Tools**  | Jasper Reports 6.0, Crystal Reports XI, SSRS 5.0  |
| **Methodologies**  | Agile, waterfall, TDD (Test-Driven-Development), Scrum  |
| **Build Tools**  | Ant 1.10, Maven 3.3.9, Gradle 3.4.1  |
| **Web Services**  | SOAP 1.2, REST 2.0, JAX-WS, JAX-RPC, JAX-RS,  |

**WORK EXPERIENCE:**

**FIS, Atlanta, GA Jan 24 – Present**

**Lead Java Developer**

**Responsibilities:**

* Designed and Developed Microservices-based applications using Spring, Spring Boot, Hibernate, Spring DAO, Gradle, JDBC, Oracle. Used Eureka to call other proxies Microservices.
* Performed Reverse Engineering to map POJO classes to the database.
* Created DAO interface, abstract class, and concrete classes to interact with persistence entities.
* Implemented infrastructure automation like Terraform resources creation in GCP.
* Designed and developed RESTful Web Services using Spring Boot.
* Responsible for creating an instance on Amazon EC2 (AWS) and deploying the application on it.
* Lead a 3-member full stack technical development team to design, create and improve new and existing products, platforms and applications.
* Expertise in developing Scala and Java applications and good working knowledge of working with Python.
* Proficient in designing and developing web applications using **Spring MVC** framework.
* Working with GCP DevOps tools to build, test, deploy, and manage applications using Cloud Build, Container Registry, Cloud Deployment Manager, Cloud Source Repositories.
* Designed, implemented, and managed infrastructure on AWS, GCP, and Azure Cloud platforms.
* Design and implementation of Spring-Security for the application for authentication process against J2EE pre-authentication, and Database.
* Select the appropriate AWS service based on computing, data, or security requirements.
* Responsible for creating efficient design and developing User Interaction screens using HTML5, CSS3, JavaScript, React JS, Redux, and Bootstrap.
* Experience in building isomorphic applications using React JS and Redux with GraphQL on the server-side.
* Skilled in leading frameworks as Angular.js to build high-quality, scalable and reusable components and Front-end solution.
* Creating an inventory of all existing SRE training materials, including documentation, presentations, videos, articles, code samples, and any other artifacts used for training.
* Expertise in major components like Spark, **Python**, Hadoop, Map Reduce, HDFS, HIVE, PIG, HBase, Kafka, AWS EC2, S3, R, and Java.
* Implemented Kafka producer and consumer applications on Kafka cluster setup with help of Zookeeper.
* Designed and created a web app using Python, Bootstrap, jQuery, and Django for performing CRUD operations.
* Developed the components using Angular 8 needed for the application from the scratch and customized from various Angular-related libraries to meet the application's functionality.
* Designed and developed the UI of the website using Python, Angular, HTML, AJAX, CSS, and JavaScript
* Created Angular service and integration with RESTful APIs and Angular HTTP Client to send GET/POST requests to fetch data from the server.
* Creates and configures Micro-Services architecture and integrates with ReactJS application
* Developed a RESTful web API using Spring Boot. Spring Data is used to communicate with MongoDB.
* Implemented MVC architecture with React components as Views, controllers in node JS for API development.

**Environment:**Angular JS, Angular 8, React, JavaScript/jQuery, Ajax, Spring, MVC, Hibernate, Spring Boot, XML, Kafka, Docker, Kubernetes, Agile, CI/CD, Jenkins, Maven, SonarQube, uDeploy, and Java/J2EE, AWS.

**UPS, Timonium, MD Sep 23 – Dec 23**

**Lead Java Fullstack Developer**

**Responsibilities:**

* Working on Apache camel for route build and configuration along with File audit service with communication with UI front end. Involved in various requirements internal in UPS. Used Tomcat for application deployment.
* Coordinated with several teams-the Design team, Business analyst and end users of the system. Created the web UI using Struts, JSP, Servlets and Custom tags. Migrated application to micro-services architecture.
* Designed, developed and implemented JSP's in presentation layer for Submission Application Reference implementation. Resolved issues in basic networking components.
* Used Spark for interactive queries, processing of streaming data and integration with popular NoSQL database for huge volume of data.
* Experience with configuration management tools like Ansible and Packer and automated the cloud deployments using terraform.
* Hands on experience with multiple NOSQL databases including Riak, Couch base, HBase and Cassandra. Implemented Unit testing using JUnit.
* Assigned special long-term project as internal Full Stack Software Developer charged with engineering a web-based application utilizing NodeJS, ReactJS, Express JS and MongoDB.
* Developed MapReduce and Spark jobs to discover trends in data usage by users. Implemented Spark using Python and Spark SQL for faster processing of data.
* Prepared the mapping document using EDI implementation guidelines.
* Developed User Interface Screens using Spring MVC, to enable customers obtain auto finance.
* Involved in developing code for obtaining bean references in spring framework using Dependency Injection (DI) or Inversion of Control (IOC). Developed Authentication layer using Spring Interceptors.
* Partner with product teams, design and build, incident and problem management teams to ensure compliance and quality service delivery. PCF (Pivotal Cloud Foundry) instance was deployed on AWS.
* Responsible for creating efficient design and developing User Interaction screens using HTML5, CSS3, JavaScript, jQuery, AJAX, Angular JS, and JSON. Used jQuery, Ajax for service calls on pages to interact with the server. Build unit test cases using Mockito framework for testing accuracy of code.
* Real time streaming the data using Spark with Kafka.
* Involved in workshops to migrate EDI interfaces from TLI Systems to SAP PO using B2B add-on. Create 834 and 820 specification documents for Coding and Development
* Used Node JS for server-side rendering. Implemented modules into Node JS to integrate with designs and requirements. Performed multiple and consistent deployments using U-Deploy to JBoss.
* Developed REST API for test server for Express Router middleware-based API's with MongoDB.
* Worked on Design, implementation and test services using Python in a Microservice-oriented architecture.
* Developed REST services to talk with adapter classes and exposed them to the angular JS front-end.
* Implemented Object-relation mapping in the persistence layer using hibernate framework in conjunction with Spring AOP functionality. Code repository management using GIT and project build tool used is Gradle.
* Created High Level Design documents, low level design documents using MS Visio and PowerPoint to provide the documentation and guidance for peers and business users.

 **Environment:** Java 1.8, Web services, RESTful, Spark, Apache camel, MongoDB, Spring Boot, Cassandra, SQL, PL/SQL, JavaScript, GIT, AngularJS, HTML5, CSS3, jQuery, ReactJs, Bootstrap, PCF, Tomcat, Power point, Ajax, Mockito framework, JSP

**Trowe Price, Owing Mills, MD Oct 19 – Aug 23**

**Lead Java Full-stack Developer/L2/L3 Production Support/Java Architect**

**Responsibilities:**

* Work with external teams in **TRP** to check the requirements and help them in creating the scenario and job json files for data reconciliation process.
* Gather the data from different resources and store in database and change data for data analysis of system requirements and performance.
* Enhanced performance of jackpot application by 80% by designing new architecture to use s3 files to save data instead of Aurora **MySQL**.
* Developed The applications using Java 8, Java 11, JSP, J2SE, JDBC, Servlets, Web Services, HTML, TDD and Groovy, JavaScript, JSON etc.
* Used **GIT** as source code collaborator and **github** for maintaining code and documentation.
* Lead Initiative to O365/Teams for all Almo Employees.
* Used **Java8** Method References feature to point to methods by their names.
* Designed and lead project to rebuild ecommerce engine to a more maintainable distributable model.
* Used new Java 11 features such as Lambdas, Streams, Observables and Completable Futures etc.
* Using **lambda** expressions, **Stream API,optional** and **JODA** time features provided by **Java 8.**
* Used **React JS** for tinplating for faster compilation and developing reusable components.
* Design and developed the application using **React** with internal frameworks (**Remix and GSSP framework).**
* **Provided UI/UX feedback to improve software design and implementation.**
* Worked on **React JS** Virtual Dom and React views, rendering using components which contains additional components called custom HTML tags.
* Using **lambda** expressions, **Stream API, optional** and **JODA** time features provided by **Java 8**.
* Used **Java 8 Method References** to point to methods by their names and used **functional Interfaces.**
* Develop new UI application for Jackpot using **ReactMaterial UI** and **AntD**.
* Collaborate with development team on **MySQL** data sharding, query optimize, memcached setup.
* Good knowledge of **maintenance and production support** by integrating all the modules and **debugging production logs** thereby stabilizing the system.
* Developed entire frontend and backend modules using **Python**on **Django Web Framework**by implementing MVC architecture.
* Experience in successful build and deployments of RSA Archer
* Performed hands-on Archer Development while supporting legacy applications and implementation of customized workflow and application.
* Proficient in Python, with expertise in writing clean, efficient, and maintainable code.
* Designed, configured, and deployed AWS for multitude of applications utilizing Amazon Cloud formation. Used Docker to containerize the Services and APIs to run on EC2 instances.
* Worked on **Node.js** Middleware framework like Express.js and Hapi.js and Yoemon, essentially developed microservices and serve them through middleware. Served any Client-side libraries through microservice.
* Involved in intense User Interface (UI/UX) operations and client-side validations using AJAX toolkit.
* Used **Node.JS**, React.JS, and Backbone.JS MVC framework for developing the Single Page Application (SPA). Backend development done using **Node.js**, Koa, Cassandra, and Redis.
* Translation of the UI/UX design wireframes to actual code that will producing visual elements of the application
* Implemented the Restful API using Sequelize.js with **Node.js** (hapi.js framework.
* Used **JSON** Schema identifier to process the parameter files quicker to avoid any exceptions in next steps.
* Developed scripts to handle auto deploys to QA environment using Jenkins and git configurations on code pushes to various microservices.
* Developed entire backend converting existing Perl script into python.
* Lead design on a drip vial assembly automation and automated pill filling machine for Baxter.
* Expertise in implementing web and enterprise applications using Java 11, SpringBoot, Spring Rest and Spring Security, React, NodeJS, Python, MySQL, Angular, Mongo dB.
* Used various sources to pull data into Power BI such as Azure Pretzel, SQL Server, SharePoint, OneDrive, SAP S/4HANA, SAP BW etc
* Identification of metadata service provider and IDP data files**:** SSO descripted document search
* Worked on creation of custom Docker container images, tagging, and pushing the images.
* Worked with Container service **Docker** with build port and other utilities to deploy Web Applications.
* Deployed **Spring Boot** based microservices **Docker container** using AWS **EC2** container services and AWS **admin console**.
* Implemented build stage-to build the Micro Service and push the Docker Container image to the private Docker registry. Implemented Multithreading, Concurrency, col, Generics and Collections whenever necessary.
* Lead design for robotic drug packaging machine and pill filling for Express Scripts
* Closely worked with **Kafka** Admin team to set up **Kafka** cluster setup on the QA and Production environments.
* Deploying **docker** images as a Fargate in **AWS**.
* Worked on Power BI and prepared dashboards using Tableau to make it more attractive.
* Lead Manufacturing transfers (DFM) of medical devices including supplier review of PPAP approvals.
* Worked extensively with AWS services like **EC2**, **S3**, **VPC, ELB, Autoscaling Groups, Route 53, IAM, CloudTrail, CloudWatch, CloudFormation, CloudFront, SNS, and RDS.**
* Developed static and dynamic Web Pages using **HTML5**, **CSS4**, **Angular9**, **Bootstrap**.
* Leveraged **MVC design** pattern to organize **AngularJS** controllers, controllers, custom directives, factories and views.
* Experienced in deploying J2EE applications over servers like Apache Tomcat 4.x, and WebLogic, WebSphere servers. Deploying applications using Lambda, ECS and Docker containers and utilizing CI/CD processes.
* Used **AngularJS** as a framework to create a **single page application (SPA)** which can bind data to specific views and synchronize data with server using **SASS, LESS, AngularJS and Bootstrap.**
* Designed dynamic and multi-browser compatible pages using **HTML, CSS, jQuery, JavaScript and AngularJS.**
* Worked on **REST/Web API** to create the services and tested on **Postman** and used on **AngularJS** $HTTP service calls and bind the data in the table using **ng-repeat** attributes.
* Lead Manufacturing transfers(DFM) of medical devices including supplier review of approvals.
* Developed Microservices using Java 11/8 and Spring Boot, ensuring modularity, scalability, and maintainability of the system.
* Created Web application prototype using **jQuery and AngulaJS**.
* Integrated Power Apps forms in Power BI table visual.
* Worked on integrating data feeds into RSA Archer and Data Imports.
* Experience in automating data pipelines, data extraction, and data processing tasks using Python and R in Python scripts.
* Created **Docker** containers and **Docker** consoles for managing the application life cycle.
* Setup full **CI/CD** pipelines so that each commit a developer makes will go through standard process of software lifecycle and gets tested well enough before it can make it to the production.
* Using **Java8** developed **API’s** as per the business cases analyses the **current** API with **Spring Boot**.
* **Lead Manufacturing transfers of medical implants to Costa Rica plant.**
* Used **Microservice** architecture with **Spring Boot** based services interacting through a combination of **REST** and **Apache Kafka** message brokers**.**
* Used **Log4j2** utility to generate run-time logs and **NGNIX** for reverse proxy server process to load balancing.

**Environment:** Eclipse, Visual Studio Code, Java 8, Postman, React, bootstrap, J2EE, Spring MVC, typescript, Hibernate JPA, Arura MySQL, Microservices, Zuulapi gateway, Restful Web services, Putty, AWS, Git, Spark Cluster, STS, Gradle.

**AT&T, Dallas, TX Mar19 – Oct 19**

**Sr. Java Full Stack Developer**

**Responsibilities:**

* Used CI/CD tools **Jenkins, Git** and **Docker** registry for configuration and automation.
* Learned to implement Java 11 with hibernate in Intellij platform.
* Developed scripts to handle auto deploys to QA environment using Jenkins and git configurations on code pushes to various microservices.
* Created custom table in the Power BI
* Creating **cross-browser** compatible and standards-compliant **CSS**-based page layouts and implemented Zuulapi gateway.
* Worked in container-based technologies like Docker, Kubernetes and OpenShift.
* All studies are up to date with new version of JAVA 11 using Lambdas, Streams, Observables and Completable futures.
* Implemented complex applications using **MongoDB** to speed up the query.
* Used Spring Core Annotations, Spring **MVC** for Rest **API’s**, **Spring Boot** for **Microservices** and Spring Batch for running batch jobs.
* Used Microsoft Azure for **storageBlob** and **message queues** which is much faster in transferring data from one place to another and reduces the load on **microservices**.
* Used Azure Cloud as a storage for HDInsight Blob’s where we store the patient’s data which will later be moved to MongoDB using python scripts.
* Participate in and support Archer version upgrades
* Infrastructure and Application **CI/CD** pipeline deployment using AWS **Code pipeline**, **Code Deploy** and **Code Commit**. microservices and serve them through middleware. Served any Client side libraries through microservice.
* Work with group of skilled engineers, and help architect and build scalable and robust Data Analytics Applications
* Used one-way/two-way data binding, filters, UI-routers and creating custom directives in **Angular 9**.
* Developed RWD UI pages using **HTML**, **XHTML, jQuery**, **HTML5**, **AJAX**, **CSS3**, **Angular8** and **Node.js**.
* Created, produced and consumed **REST web services** to serve user requests and for third party system
* Experience in Web Services using SOAP, Restful, WSDL, HTML, XML, JAXB, XSD, SAX and DOM parsers and with core Java 11 with Multithreading, Apigee, Concurrency, Exception Handling, and Java Collections.
* Jenkins to auto deploy client-side application based on git branches, debug server is triggered by git push while release server is based on nightly build.
* Used **Spring** Framework including **Spring** Core/IOC, **Spring** **AOP**, **Spring ORM** and **Spring Batch** and implemented the authentication, authorization, and access-control features by making use of **Spring** **Security** feature.
* Used Jenkins and pipelines to drive all microservices builds out to the Docker registry and then deployed to **Kubernetes**, Created Pods and managed using **Kubernetes**.
* Successfully setup database replication system from Oracle to Oracle, **MySQL** to Oracle to fit business needs.
* Used most of the new features of **Java 8** like **lambda expressions** for communicating between business layer and database, stream API for Bulk Data Operations on Collections using both streams and parallel streams.
* Developed **Hibernate** with **Spring Integration** abstraction to interact with database of **MongoDB**.
* Involved in writing **Hibernate Criteria queries, Transactions** and **SQL queries** for the Data access.
* Developed **Microservices** to communicate using synchronous protocols **HTTP** and **REST** for implementing **SOA**.
* Developed plan and strategy for information architecture to integrate various systems at Confidential Foundation; Lead the overall strategy for data integration, business intelligence, and data analytics
* Worked extensively on Data visualization and Data analyzation using Power BI
* Generate new metadata file through third party tool.
* Created data as a service based **Restful** web service with **Mongo DB** data store running on **Tomcat 9**.
* Developed unit tests with **JUnit** and **Mockito** and written automated regression tests using **JMeter**.
* Building components to connect to other microservices using **Kafka,Elastic Search** and **REST API**.
* Developed **CI/CD** pipeline and build tasks to run the unit tests on **Jenkins** and maintained separate build in **Maven** for the module for easy integration to the portal build and configure with **Jenkins.**
* Worked on the Analytics Infrastructure team to develop a stream filtering system on top of **ApacheKafka**.
* Implemented a distributed messaging queue to integrate with Cassandra using **ApacheKafka** and **Zookeeper**.
* Kroger - Developed big data analytics dashboard for Kroger to identify customer footfall behavior
* Used Java 8 features like Lambda expressions, functional interfaces Steams for build operations on collections.
* Used **Python** to match patients from the criteria object and store the patients found as blob object in HDInsight’s and then move the data to **MongoDB**.
* Maintain Archer workbook and support documentation.
* Good working experience in Azure **HDInsight** provisioning/Services and in - depth knowledge of **HDInsight** Cluster deployment includes Spark, HBase, Kafka, Hive LLAP, etc and expertise in monitoring, logging and cost management tools that integrate with **HDInsight.**
* Primary Participant in administrative activities includes **HDInsight** Spark/HBase/Kafka/Interactive Query (LLAP) Cluster deployment using ARM Templates and using Azure Portal, creating Resource Groups, NSG Rules, Scaling the Clusters, creating blob and ADLS Storage accounts, day to day operational activities like monitoring the jobs.

**Environment:** Eclipse, Visual Studio Code, Java 8, Postman, Angular 4, bootstrap, J2EE, Spring MVC, typescript, Hibernate JPA, MongoDB, SQL Server, Microservices, Zuulapi gateway, Restful Web services,Putty, Azure DevOps, Git, Python 3, HDInsight’s, Spark Cluster, STS.

**Quest Diagnostics, West Norristown, Pennsylvania May 17 – Feb 19**

**Java Full Stack Developer**
**Responsibilities:**

* Developed EQC Automation microservice to provide **RESTful** API utilizing Spring Boot with **Spring MVC**. Implementing microservice architecture with **SpringBoot** based services interacting through combination of **REST** and **RabbitMQ** message brokers for Reporting and Historical services.
* Developed a session expiration component using angular widgets and latched it onto the application.
* Used **JSON** Raw format for sending request and reply to web services. Uploaded flies in to **Oracle** database using **CLOB** and **BLOB**, **Normalization** and performance turning with **Oracle DB**.
* Used **RabbitMQ** queues for implementation of multi-threaded synchronization processes using **JMS** queues for consumption requests.
* Ability to develop data analytics & statistical models in support of business objectives
* Expert in implementing advanced procedures like text analytics and processing using the in-memory computing capabilities like Apache Spark written in **Scala.**
* Auction web app - calculated bids for energy auctions utilizing **Scala**, JPA and Oracle.
* Built Kafka-Spark-Cassandra **Scala** simulator for MetiStream, a big data consultancy; Kafka-Spark-Cassandra prototypes.
* ADFS Migration and third-party integration, create claim aware relying party trust using federation metadata.
* Architected and implement REST API interfaces using JavaScript and **Node.js**
* Developed Single Page Web Application with React.js, Redux, Express.js, **Node.js**, REST API, and MongoDB.
* Extensively used Promises and Event Emitter in **Node.js** to avoid callbacks and more readable code.
* Created Typescript reusable components and services to consume REST API's using Component based architecture provided by Angular2.
* Created reports in Power BI Embedded
* Used Typescript to write the Angular Components, Modules, Services, and Models.
* Designed and developed this application using Angular 6, Node JS, MySQL, Typescript, HTML5, CSS3, Bootstrap, and Angular-Material.
* Worked with Docker container snapshots, attaching to a running container, managing containers, directory structures.
* Developed **UI** layer for the application using **HTML5**, **CSS3**, **Angular 4.0** and **Node JS.**
* Built custom widgets using **bootstrap** APIs to meet the requirements and expectations.
* Implemented Stored procedures, triggers to implement **Oracle** advanced Queuing.
* Improved source code maintenance which resulted in significant code reduction, ease of upgrade, scalability, ease of developer spin and superior performance by refactoring the existing application.
* Used custom tag libraries and **Spring MVC** framework for web applications.
* Implemented the application using **Spring IOC, Spring MVC Framework, SpringBoot**and **Spring Security.**
* Worked on creating **Docker** images, Containers, push/pull and on integration with **Spring Boot**.
* Involved in writing Thread Safe blocks for multithread transactions.
* To achieve Continuous Delivery CD goal on high scalable environment, used Docker coupled with load-balancing tool Nginx.
* Created **Spring Batch** Repository to track the errors, job execution steps and timing information.
* Created logical data models based on requirement and captured metadata.
* Designed and developed **Microservices** using **Rest and Spring Boot.**
* Experience in using **MongoDB** data models document, key-value & wide column, or graph model.
* **Spring Ribbon** for load balancing and a broker service to maintain status using **Kafka and Zookeeper**.
* Used **Karma (Jasmine)** for **JavaScript** Unit testing and Protractor for E2E testing.
* Performed **regression testing** and continuous integration testing using **Jenkins** automation tool.
* Developing **Persistence Gateway application** for persisting data from Gemfire to **Oracle** database.
* Worked with AWS**CodeCommit** to securely import Git code repositories.
* Proficient in using source code change management and version control tools like GitHub, SVN, CodeCommit, TeamCity, Fisheye, JIRA, IBM RTC and Source Tree.
* Implemented generating objects at runtime and integrated **PrimeNg** for angular components like Grid charts to implement rich user interface with extensive features.
* Implemented Java **Multithreading** to process multiple Excel sheet flat files simultaneously and to refresh cache at given interval time. Developed Data Access Object’s (**DAO**’s) using **JPA**.
* Designed desktop application that pulls data from the cloud and loads them into the sql server by transferring JSON data into data objects with the help of entity framework.
* Implemented **Micro Services** to communicate using synchronous protocols **HTTP** and **REST**.
* Created core module with components that will be loaded once in AppModule such as Navbar, Toolbar, Service and Routing Module. Used **StarTeam** for source code management.
* Developed several web applications that required Responsive Web Design for windows and android phones.
* Developed **REST** services for search filters in Java. Used a mix of Native **SQL** along with **HQL** and criterions.
* Developed single page applications, components using **Angular JSdirectives**, **controllers**, **view** and **routing**, **service** modules.

**Environment:** Eclipse, Visual Studio, Postman, Hudson, Angular2+, bootstrap,J2EE,Spring MVC, typescript, bootstrap, JPA, Hibernate, RabbitMQ, Restful Web services, SQL Developer,putty, NodeJS, StarTeam.

**Nationwide, Columbus, Ohio Sep ‘16– Apr ‘17**

**Java Full-stack Developer**

**Responsibilities:**

* Developed using new features of **Java 7** Annotations, Generics, enhanced for loop and **Enums**. Used **Spring** and **Hibernate** for implementing **IOC**, **AOP** and **ORM** for back end tiers.
* Worked extensively on Data visualization and Data analyzation using Power BI
* Involved in writing **Thread** Safe blocks for **multithread** access to make valid transactions.
* Created and injected **Spring** services, **Spring** controllers and DAOs to achieve **dependency injection** and to wire objects of business classes.
* Designed new architecture to have referral feature in Care360 application by using **GWT** for front end.
* Developed web application using technologies Core Java, **GWT**, **Tapestry**, **JavaScript**, **HTML**, **CSS**, &**Xml** and **HTML5**.Used **J2EE** design patterns like **MVC**, **Singleton** Factory, **DAO**, and **DTO**.
* Used hibernate as the object relational mapping (ORM) architecture tool for persisting java objects (**POJO**s) and used Oracle for backend data and for complex queries, and **DAO** pattern to fetch data using **Hibernate**.
* Used **DAO pattern** to fetch data from database using **Hibernate** to carry out various database.
* Used **GITHUB** as a source version control system for **microservices** code repository.
* Developed **Camel** routes to do backend crone jobs to generate report and send to third party web service.
* Created and injected **Spring** services, **Spring** controllers and DAOs to achieve **dependency injection** and to wire objects of business classes.
* **MYSQL** SME on team: Served as escalation point for lower level technicians, especially with regard to MYSQL issues.
* Establish the data management framework that improves the data quality and standards for both database structures and repository and migrate database from SQL Server to **MySQL** 5.1.
* Performance monitoring/tuning on **MySQL** and LINUX , Replication set up and configuration processes and Troubleshooting issues.
* **MYSQL** database Installation, performance tuning, backup and recovery and replication Serve as an expert
* Designing a highly scalable, highly available, minimum TCO for maximum ROI using big data components like kafka,spark, cassandra, mongoDB, and API. It is python and **scala** based analytic system with ML Libraries.
* Worked on Multiple **AWS** instances, set the security groups, **Elastic Load Balancer**and**AMIs**, **Auto scaling** to design cost effective, fault tolerant and highly available systems.
* Worked with **Terraform**to create stacks in **AWS**from the scratch and updated the **terraform** as per the organizations requirement on a regular basis.
* Integrated Power Apps form in Power BI to get the data from users
* Created templates for **AWS infrastructure** as a code using **Terraform** to build staging and production environments.
* Experience in the **PaaS**service like **OpenShift** provided by the RedHat and Streamlined installation of **OpenShift** on partner cloud infrastructure such as AWS.
* Involved in implementation of RESTFUL web service APIs using Node.js, which were consumed by making AJAX calls and JSON as data exchanging tool.
* Worked with NPM commands and using Package.json for managing dependencies and dev-dependencies of Node.js applications.

**Environment:** J2EE, Eclipse, Spring, Spring MVC, Jenkins, Spring JDBC, Spring Boot, EJB, Hibernate , Junit, Mokito, Rest web services , Test NG, HTML ,XML , JavaScript, CSS, JMeter, Azure, Kubernetes, JUNIT, Micro Services, Perforce, Oracle DB, Maven, Log4j,Putty,Weblogic 11.

**Client: Sun Trust, Atlanta, GA. Oct 2015–Aug 2016**

**Role: Sr. Java Full Stack Developer**

**Responsibilities:**

* Involved in **JAD** sessions with clients for gathering the requirements and involved in Analysis meetings and designed components for the project based on requirement, followed **Waterfall** and **Agile** methodologies.
* Developed user interfaces using **JSP, JSF framework with AJAX, Java Script, HTML, DHTML,** and **CSS.**
* Implemented the search functionality for Internal Application using **Angular** and **Node js**.
* Used **Angular** router to build single page application for navigating through the different status and multiple models.
* Developed the application under J2EE Architecture using **Spring, Hibernate, Servlets, Web logic** and **JSP.**
* Created **REST** based **web services** by establishing links using **HATEOAS** from Spring based application.
* Monitored and performed testing in various environments like Development, **Test**, **UAT** and **Production.**
* Developed **Restful Web services** in **JAX-RS** using **Jersey** to provide domain data to the application
* Implemented logging in the application using **SpringAOP** module to know the application status. Used **Spring DAO** module for performing **CRUD** operations on database.
* Installed **Pivotal Cloud Foundry (PCF)** on EC2 to manage the containers created by **PCF** and used Docker to virtualize deployment containers and push the code to EC2 cloud using Pivotal Cloud Foundry.
* Create and configured the continuous delivery pipelines for deploying **Microservices** and lambda functions using **CI/CD Jenkins** server.
* Database development in MySQL using Workbench 6.2 client.
* Developed View Models using **Typescript**.
* Worked with **Jquery** and **typescript** for the development of the UI.
* Worked with Angular 2 and typescript as part of migration from Angular and vanilla javascript to Angular 2 and React.
* Experience in developing and designing POCs using **Scala** and deployed on the Yarn cluster, compared the performance of Spark, with Hive and SQL/Teradata.
* Performed advanced procedures like text analytics and processing, using the in-memory computing capabilities of Spark using **Scala**.
* Created various Parser programs to extract data from Business Objects, XML, Informatica, Java, and database views using **Scala**
* Integrated the different pages to be a single page application using Angular 4 and Typescript.
* Created Directives, Services, Filters using Angular JS with Typescript.
* Work with engineering teams in the design and implementation of fail-over and recovery solutions MongoDB, Oracle **Exadata** 12C and pluggable databases.
* **Kubernetes** is being used to orchestrate the deployment, scaling and management of Docker Containers.
* Modified SQL, PL/SQL procedures and triggers to obtain optimize output and also worked with **Cassandra**.
* Highly used MQ **Visual Edit** and **MQ Visual Utility** tools for connecting to remote queue managers.
* Worked with **IDE** as **RAD** **9.1** and deployed the application into **WebSphere Application Server 8.5.**
* Involved in Migrating the project from **Ant** to **Maven build tool** to achieve more functionality for build process.

**Environment:** Java 8.0, Spring 4, Hibernate, JavaScript, Angular 5.0, HTML 5.0, CSS3, WAS 8.5, RAD, log4j, Mockito, XML, MongoDB, Maven, GIT,MQ Visual Utility, MQ Visual Edit.

**Client: Airtel, Hyderabad, India Oct 2013 – Sep 2015**

**Role: Sr. Java Developer**

**Responsibilities:**

* Worked on **Agile** Scrum methodology and involved in daily **stand-up** meetings to monitor the progress.
* Interacted with **Managers & Business users** for **performance issues,** discussed about **key Aspects** based on requirements and its **relational mapping** to the application with users.
* Developed Application using **Spring MVC** with **Spring IOC, annotations, integrated** with **Struts 3** frame work with views based on **JSP**. Involved in coding for the presentation layer using **JQuery Mobile, NodeJs**, **JavaScript**.
* Used core java concepts such as **Multi-Threading, Collections, and Exception handling**. Worked extensively on Core Java, low latency side using **Java Concurrency** on the back-end of the application.
* Configuring and managing **AWS Simple Notification Service**(SNS) and **Simple Queue Service (SQS).**
* Migrated data from **Datacenters** and on-premises to **Cloud** using **AWS Import/Export Snowball** service.
* Designed **AWS Cloud Formation** templates to create custom sized **VPC, Subnets, NAT** to ensure successful **deployment** of **Web applications**and**database templates**.
* Involved in coding for the presentation layer using **JQuery**, **JQuery Mobile, NodeJs**, **JavaScript**.
* Developed the application using industry standard design patterns **like Singleton, Business Delegate, MVC, and Factory Pattern etc.** Involved in developing Single page applications using **NodeJs, WEBPACK (ES6).**
* Developed a dashboard based on **Ajax calls** with Business Customers Count, Flags, Real-time graphs for Analytical Reporting using **NodeJS**. Involved in **presentation layer frameworks** using JQuery widgets.
* Built Single Page Apps using Angular and **Typescript** for Responsive Design.
* Developed Single Page applications using AngularJS using components, directives using **TypeScript.**
* Created **Typescript** reusable components and services to consume REST API's using Component based architecture provided by angular.
* Implemented application using **design patterns** such as **Session Facade**, **Bean Factory** and **Singleton**.
* Utilized **MEAN stack, REST design pattern, MVC framework** and Single Page Application framework based on **Node JS.** Transaction management is done by **JTA API** specification by implementing them.
* Utilized **XML** and **XSLT** for dynamic web-content and database connectivity. Implemented Map-reduce functionality in **MongoDB** to maintain customer order tracking. Involved in **fixing bugs** or defects in the application.
* Developed **Junits** using **Mockito and Spring JunitRunner** framework. Used version control repository **SVN**.
* Used **JIRA** for issue tracking. Used **Maven** as a build tool and retrieved all dependencies required for application.

**Environment:** Core Java, Spring MVC 3, Spring integration, Spring JDBC, Struts 3, JMS, JIRA, NodeJs, JQuery, JQuery Mobile, Java script, HTML, CSS, Apache Tomcat 7.0, Restful, Eclipse, Oracle 11g, Maven, Drools, Mockito, Junit, SVN.

**Client: Info Edge Solutions, Hyderabad, India Aug 2010 – Sep 2013**

**Role: Java Developer**

**Responsibilities:**

* Designed **Use Case** and **Sequence Diagrams** according to UML standard using **Rational Rose**.
* Extensively used **XML** documents with **XSLT** and **CSS** to translate it to **HTML** to present to GUI.
* Developed **Session beans** for functionality as per the requirement. Used **Spring MVC framework** for implementing the Web tier of the application. Used **Hibernate API** to perform database operations.
* Performed client-side validations using **JavaScript** and server-side validations using in built **Struts Validation.**
* Used Design patterns like **MVC pattern**, **DAO pattern**, and **singleton** to achieve clean separation of layers.
* Implemented **Spring JDBC** using SimpleJDBC Template &NamedParameterJDBC Template.
* Wrote **Ansible Playbooks**with **Python SSH**as the **Wrapper**to Manage Configurations of AWS Nodes and Test.
* Leveraging kops implemented a **Kubernetes Container Orchestration** solution within AWS allowing for easy management, **creation, and recovery of AWS assets.**
* Used **Hibernate API** to perform database operations. Worked on **Hibernate persistence tier**. This involves developing mapping files and Hibernate (POJOs/ DAOs). Used **Lo4j** debugging tool to monitor the Error Logs.
* Involved in developing **SQL** queries, **stored procedures**, and **functions**.
* Developed **JUnit** test case using Mockito Framework for performing Unit testing of the application.
* Responsible for writing detail design documents and class diagrams and sequence diagrams. Involved in tracking and resolving Production issues.
* Used **Spring core** for **Dependency Injection/Inversion of Control** (IOC), and integrated **AngularJS** and **JDBC.**
* Used Maven dependency management system to deploy snapshot and release artifacts to Nexus to share artifacts across projects.Building the Red hat Linux server in VMware ESX client through Vsphere client.

**Environment:** Servlets 2.5, JSP 2.1, spring, JDBC, JavaScript, HTML, PL/SQL, SVN, Hibernate 3.0, WebLogic.

**Education:**

Bachelors in Management Science from Indian School of Business Management(ISBM) in the year 2010.