**VENUGOPAL RAO KONDRA**

**Java Full Stack Developer Phone: 314-936-8818**

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**PROFESSIONAL SUMMARY:**

* Having 11+ years of Professional experience in Analysis, Design, Development, Maintenance, and Implementation of Enterprise applications using **Java**, **J2EE** Technologies, **Spring**, **Hibernate** and implementing presentation layer using **Angular**, **React JS**, **Node JS**, **jQuery**, **HTML5**, **CSS/CSS3** and experience of **QA Automation**.
* Experience in applying principles of **SDLC** and methodologies like **Lean/Agile/XP**, CI, Software and Product Security, Scalability, Documentation Practices, refactoring, and **Testing** Techniques.
* Expertise in Core Java Such as **OOPs**, **Collections**, **Exceptions Handling**, **Input/output (I/O) System**, Swing, Annotations, Enums, Concurrency, **Multi-Threading, Lambda** and **Generics.**
* In-depth understanding of various Design Patterns like **MVC, Builder, Singleton, Service Facade, Saga Pattern, Circuit Breaker.**
* Experience in database design, **NoSQL**, data modeling and developing **stored procedures**, functions and **triggers** using SQL plus, SQL developer in **Oracle** 9i, **MySQL**, **SQL Server** and **DB2**.
* Experienced in performing CRUD operations using Java, **MongoDB**, **Cassandra** and writing complex quires with **SQL**, **PL- SQL** and Stored procedures.
* Experience in implementing **Spring Core**, **Thymeleaf**, **AOP**, **JDBC**, **MVC** and **ORM** modules.
* Experience in creating **REST APIs** by using spring, exposed them from my existing system so that it is consumed by other application.
* Responsible for support and maintenance, implemented Spring Batch for huge number of transactions.
* Expertise with employment of **Spring Kafka** and **Zookeeper** apart from **JMS** as messaging service.
* Experience implementing message broker services like **RabbitMQ**, **ActiveMQ** for data sharing asynchronously.
* Proficiency in developing web services that include several components **SOAP**, **Restful**, **XML**, **XSD, Axis2, JAXB, JAX-RS and JAX-WS.**
* Familiar with UI development Store like **NgRx**, **Redux** and **Session storage**.
* Strong Knowledge in developing Single page web applications using **Angular 11/9/7, AngularJS, Express.js, Bootstrap and Node JS.**
* Experience implementing caching solutions for serving frequently accessed static data to resources using **Radis**, **EHCache**, and **MongoDB**.
* Experience deploying applications on **Apache Tomcat 8/9**, **BEA WebLogic 10/12, Web sphere 5.0/6.0, Nginx application server environments.**
* Responsible for build and deployment of application in **WebSphere 5.0/6.0 Server**.
* Worked in container-based technologies like **Docker, Kubernetes** and **OpenShift**.
* Developed integration architectures that facilitated seamless data exchange and interoperability between on-premises and cloud-based systems, ensuring data consistency and integrity across the enterprise.
* Evaluated emerging technologies and industry trends to incorporate innovative solutions into architectural designs, enhancing system capabilities and future-proofing investments.
* Hands on experience in Amazon Web Services (**AWS**) provisioning and good knowledge on AWS services like **Lambda**, Simple Storage Service (**S3**), Elastic Compute Cloud (**EC2**), Virtual Private Cloud (**VPC**), **Route53, Cloud Watch, Cloud Formation, RDS, SNS** and **EBS.**
* Experienced in Spring Boot based Microservices using Docker container using Amazon EC2 container services and using

**OpenShift, AWS admin console.**

* Experience using and automating Cloud Infrastructure tools like **AWS**, and **Azure** for deploying and maintaining Enterprise Applications.
* Experience in **TDD, ATDD** using JUnit framework with **Mockito** and **Easy mock, PowerMock, Spring Junit Runner.**
* Experienced in using **Log4j** and good expertise in application build tools like **ANT, Gradle** and **Maven**.
* Hands on exposure to Software Engineering methodology like **agile** methodology. Vice Oriented Architecture using Web Services with **SOAP** and **REST**.
* Experienced using Version Control and Configuration Management tools like **SVN, CVS, Git, Bitbucket** and **Source Tree.**
* Experience in using logging frameworks like **Log4J** and **SLF4J** for managing application logs and capturing runtime exceptions; monitoring and tracing through tools like **Splunk, Grafana,** and **Zipkin.**
* Worked on **Git** as version control management and **JIRA** as Defect management for bug, issue tracking of application. Used **JENKINS** for continuous integration (**CI**) and continuous deployment (**CD**) pipeline.

**Education:**

* Master’s in computer sciences from Webster university.

**Technical Skills:**

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| **Platforms** | Windows 2000/NT/ XP/Vista and Sun Solaris 2.8/2.9, UNIX, Red Hat |
| **Programming** | Java, Python, C, C++, SQL |
| **Java Frameworks** | Spring, Spring Cloud, Spring MVC, DI, Spring AOP, JSF 1.1, JSF 2.1, GWT, Spring Boot, Spring Batch, Spring IOC, Spring ORM, Spring JDBC, Spring JMS, Spring Security, Spring Data, Struts 1.2,  Struts 2.1, Hibernate, Log4j |
| **Scripting Languages** | JavaScript, TypeScript, Bash, Perl, Shell Script |
| **Web Development** | jQuery 1.8,1.9, jQuery, Dojo, Ext JS, Angular 11/12, JavaScript, CSS2, CSS3, SASS/LESS, HTML4,  HTML5, Bootstrap, Node.JS, Angular 16, React JS, Node JS, Express JS, Vue.js |
| **Databases** | RDBMS, Oracle, MySQL, MongoDB, Dynamo DB, NoSQL Sybase, SQL Server, DB2, Cassandra and MS Access 2000 |
| **Version Control** | Git, Tortoise SVN, Rational ClearCase, GitHub, CVS |
| **Tools** | IntelliJ, VSCode, MySQL Workbench, Eclipse3.0, Net Beans 5.0, RAD, WSAD 5.0, Spring Tool Suite(STS), Clear Case, Clear Quest, Rational Rose, Microsoft Visio, Perforce, Sub Version, Dream weaver 2000, JUnit, Mockito, Jmeter |
| **Build Tools** | Maven 3.3.9, Gradle 3.4.1, ANT 1.7,1.8,1.9, |
| **DevOps Tools** | Jenkins, GitHub, GitLab, Bitbucket, Docker, Kubernetes, Slack, Amazon Web Services (AWS), Azure, Google Cloud Platform (GCP), Splunk Cloud, Terraform |
| **XML Technologies** | XSLT, JAXP, JDOM, SAX, DOM, XPATH, XPOINTER, XML, XSD, DTD |
| **Web Services Tools** | RESTful, JAX-RS/JAXRS, JAX-WS/JAXWS, JAX-B/JAXB, Apache CFX, WSDL, SoapUI 4.0,5.1,  TcpMon, UDDI |
| **Message Brokers** | Apache Kafka, Amazon Kinesis, RabbitMQ, Apache Active MQ, Apache Wicket |
| **Web Servers** | Apache Tomcat, Apache CXF, JBoss, WebLogic, Web Sphere, Glassfish |
| **Defect Tracking** | JIRA, Bugzilla, Rational ClearQuest |
| **Methodologies** | Agile (XP, Scrum), Rational Unified Process (RUP), Waterfall, Kanban |

**Professional Experience:**

**Sr. Java/Cloud Developer**

**Client: Cetera Financial Group May 2024 to Till date**

**Key Contributions:**

* Developed dynamic, responsive user interfaces with **Angular 16**, TypeScript, Bootstrap, HTML and CSS focusing on high- quality, maintainable code in main application.
* Developed and maintained real-time data processing pipelines using Apache **Flink**, enabling low-latency data ingestion and transformation.
* **Point of contact for multiple PODs** (Ordering, Address, and Payments) and used to handle **end-to-end tasks**.
* Designed web pages adhering to **WCAG** standards using **Angular 16** accessibility features.
* Built and optimized stream processing applications in **Apache Flink** to handle high-throughput data streams, ensuring efficient data flow and processing.
* Migrated on-premise PostgreSQL databases to **AWS Aurora PostgreSQL**, reducing infrastructure costs and improving database performance.
* Configured security settings for **IBM MQSeries** including SSL/TLS, authentication and authorization to protect message data.
* Enhanced data stream processing in microservices using **Java 8** features like Streams, Collectors, and lambda expressions, streamlining code, and improving backend efficiency.
* Leveraged **Java 8**'s new Date and Time API for precise and efficient handling of time-related operations in application logic.
* Enhanced performance with **Java 11**'s improved garbage collection and HTTP Client API; Applied new lambda and switch expression syntax for readability.
* **Modernized Codebase to Java 17:** Led initiatives to upgrade legacy applications from older versions of Java to Java 17, leveraging new features to enhance application efficiency and reduce technical debt.
* Streamline code using **Java 11** features like var in lambdas, enhanced string handling for efficiency and improved readability.
* Implemented **Multithreading**, Concurrency, Exception Handling and Collection whenever necessary.
* Integrated Spark with Hadoop and EMR for scalable data processing solutions in cloud and on-premise environments.
* Used several **J2EE Design** Patterns (Session Façade, Aggregate Entity) for the Middle Tier development.

Designed robust **RESTful APIs** using **Spring MVC** and **JAX-RS** within a microservices architecture, ensuring seamless front-end communication and durable endpoints.

**Client: Finra, Rockville, MD June 2022 to March 2024**

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

* Involved in **Scrum** (daily standups) meetings, Sprint/retrospective planning, and estimation of the tasks for the user stories and refine the tasks for next sprint.
* Making reproducible framework situations for the Microservices engineering. Created a Request for Proposal (**RFP**) Micro service providing **RESTful API** using **Spring MVC** and **Spring Boot**.
* Created **REST** clients to consume data from other partner applications and involved in creating POC’s using **MEAN stack**

and enhancing existing REST API’s developed using **Node-JS, Express-JS,** and **Mongo-db.**

* Developed business service layer and data access layer using **Spring** and **MongoDB** (Spring Mongo-Template)
* Worked on User Experience (**UX**) design and development, User Interactive (**UI**) Web Pages and visually appealing User Interfaces using **JavaScript, Vue.js, Typescript, Ajax, jQuery** and **Node.js**.
* Responsible for creating efficient design and developing User Interaction screens using **HTML5, CSS3, Bootstrap, JavaScript, Angular 11** and **Node JS.**
* Used **Angular 11** driven forms and Modern driven (**Reactive**) forms to perform form validations both on server and client side.
* Worked on **Angular 11** along with **Bootstrap, CSS3** to create reusable components for **RWD** applications.
* Utilized **Angular CLI** to generate and manage project files and dependencies, improving project structure and management.
* Implemented Angular Internationalization (**i18n**) to enable the application to support multiple languages and locales, improving user accessibility and globalization.
* Hands on **Java 11** full stack with **spring boot, Spring Cloud, Spring Security, Spring Data JPA, Spring AOP,** and

**Hibernate**.

* Deployed Spring Boot based Microservices Docker containers Using **AWS EC2** services and using **AWS** admin console.
* Implementing or exposing the Microservices based on **RESTful API** utilizing **Spring Boot** with **Spring MVC**.
* Implemented **Restful Web Services** in Spring Boot for consuming, producing **JSON/XML** Data from End points.
* Developed the Spring Features like **Spring MVC, Spring Boot, Spring Batch, Spring Security,** and **Spring Integration.**
* Secured Rest API’s by implementing **OAuth2** tokens-based authorization schema by Spring Security.
* Designed and implemented complex integration solutions leveraging Mulesoft's Anypoint Platform to connect disparate systems, applications, and data sources, streamlining business processes and improving efficiency.
* Implementing a Continuous Delivery framework using **Jenkins, CHEF, Maven** in Linux environment.
* Worked with automating release process using **Maven, Jenkins,** and **Jira** as tools in diversified project environment.
* Excellent experience of using **NPM** code Packages and managing Java Script projects.
* Led the design and development of scalable and robust software architectures for enterprise-level applications, ensuring alignment with business objectives and long-term scalability requirements.
* Worked as developer to provide **CI/CD** pipeline for the containerized applications (spring boot-Microservices, MEAN- stack). As part of these solutions, we used GitLab CI runners/GitLab, Jenkins, Jfrog Artifactory, Docker, and Kubernetes).
* Design and deploy new features to streamline all the manual operations.
* Track burn down, issues and progress. Work with component teams to resolve issues.
* Developed unit tests using **PowerMock** to test Java code that has external dependencies.
* Used **PowerMock** to mock and stub out dependencies, such as static methods, constructors, and private methods.
* Participate in planning, implementation, and growth of our customer's Confidential Web Services (**AWS**) foundational footprint
* Closely worked with **Kafka Admin** team to set up Kafka cluster setup on the **QA** and **Production** environments.
* Had knowledge on **Kibana** and **Elastic** search to identify the Kafka message failure scenarios.
* Extensive experience in deploying, managing and developing **MongoDB** clusters. Experience in creating JavaScript for using **DML** operation with MongoDB.
* Creation, configuration and monitoring **Shards** sets. Analysis of the data to be shared, choosing a shard Key to distribute data evenly. Architecture and Capacity planning for **MongoDB** clusters. Implemented scripts for MongoDB import, export, dump and restore.
* Consumed **SOAP** services and parses **XML** to **Java 11** Objects.
* Providing daily status in scrum meetings with the client. Mentored new team members on effective usage of the blend of **Spring Boot /JPA** and **Java 11.**
* Built **Cassandra** Cluster on both the physical machines and on **AWS**.
* Utilized **Fargate** task definitions to define the application and container specifications, including resource limits, environment variables, and image versions.
* Designed and developed **Java 8 APIs** for consuming and executing **AWS** services like **AWS Lambda, EC2, S3.**
* Automated **Cassandra** Builds/installation/monitoring etc.
* Wrote code Web Services (**JAX-WS**) for external system via **SOAP/HTTP** call and to fetch data from web services via **JSON**

response and updating **HTML** pages.

* Used Web services (**SOAP, REST**) for transmission of large blocks of data over **HTTP**.
* Created managed **MongoDB/NoSQL** collections. Developed Server-side automation using **Node.js** scripting and connecting different types of **SQL** and **NoSQL** databases.
* Designed and implemented caching strategies to improve application performance and scalability, reducing response times and database load.
* Implemented security configurations and access controls within IBM WebSphere, including SSL/TLS encryption, LDAP integration, and role-based access control (RBAC), to protect sensitive data and ensure compliance with regulatory requirements.
* Collaborated with cross-functional teams including business analysts, developers, and quality assurance engineers to ensure alignment of integration solutions with business needs and technical requirements.
* Used **IntelliJ** for development and debugging Spring Boot applications and used **GIT** for version control.
* Developed **CI/CD** pipeline, build tasks to run the unit tests on Jenkins, maintained separate build in Maven for the module for easy integration to the portal build, and configure with **Jenkins**.
* Defined architectural standards and best practices to guide development teams in building solutions that adhere to industry standards and promote reusability, maintainability, and extensibility.
* Developed unit test cases using Jasmine and Karma and performed end-to-end testing using Protractor and Selenium
* Involved in configuration and usage of **Apache Log4J** for logging and debugging purposes.
* Supports different markets for alerts and bugs, analyze and understand fix them.

**Environment**: Java 1.8/11, JDK, Jenkins, Spring-JDBC, JMeter, Activity, Spring-ws-core, Wsdl4j 1.6.1, SOAP, JAXB-API, Angular 11, Open-Source Frameworks: Spring, Thymeleaf, Mustache, MySQL, SQL Server, Hibernate, Maven, Log4J, Kafka, AWS and Junit, IDE and Tools: Eclipse, SQL Navigator Databases: Oracle10g, MongoDB, RDBMS and DB2 Version Control / QA tool: Subversion, Jenkins

**Sr. Full Stack Java Developer Sep 2020 to May 2022**

**Client: Blue Cross Blue Shield, Jersey City,NJ Responsibilities:**

**Responsibilities:**

* Involved in writing of multiple batch jobs using **Spring Batch** framework where both annotation & xml-based configuration is done to support various business functionalities.
* Used **Spring Boot**, which is radically faster in building cloud based Microservices with very less configuration.
* Utilized RESTful principles to create scalable and interoperable APIs on the **IBM WebSphere** platform, facilitating smooth integration with various client applications.
* Used reactive & template driven forms to associate **HTML** elements to model & provide dynamic user validations on client side.
* Developed user interface by using the **React JS**, **Flux** for **SPA** development, also used **React** forms for data driven form components and React router to define module level routing.
* Used **ReactJS** to capture user actions and render the relevant action, as well as dynamically render the **UI** based on user actions.
* Expertise in creating Custom Reusable React Components Library for clients and experienced in working with **Redux** architecture using complex **Object-Oriented** concepts in improving the performance of the websites by displaying data using **React WIF, Redux, ES6.**
* Worked on **React Virtual DOM** and **React views**, rendering using components which contains custom **HTML tags**. Utilized

**Web Sockets** with React to maintain consistent and real-time state across users.

* Involved to implement various client-side interfaces on the front end using **React.js** and used various predefined components from **NPM** and redux library and deployed application to **NGINX**.
* Contributed to the development and enhancement of integration frameworks and reusable components, optimizing development efforts and promoting consistency and standardization across integration projects.
* Provided technical leadership and mentorship to development teams, guiding them in implementing architectural patterns and ensuring adherence to architectural principles throughout the development lifecycle.
* Familiarity with **Spring Data JPA** annotations such as **@Entity, @Table, @Column,** and **@OneToMany** for mapping Java objects to database tables.
* Supported our legacy portal which was implemented with **Spring MVC** architecture.
* Configured **Docker** setup locally to have a unique environment across different layers of testing.
* As part of securing the **Restful** web services we used spring security filters along with bearer token authentication mechanism using **JWT** token.
* Implemented **OAUTH 2** (Rest service authentication) in our application to communicate securely with other protected resources by exchanging access tokens for authentication instead of using username and passwords.
* Administered, monitored and maintained multi data-center **Cassandra** cluster using **OpsCenter** and **Nagios** in production.
* Used **MongoDB** internal tools like **Mongo Compass**, **Mongo Atlas Manager & Ops Manager, Cloud Manager** etc.
* Lead daily stand-ups and scrum ceremonies for two scrum teams.
* Utilized **Java API** for **RESTful** Web Services (**JAX-RS**) to build RESTful web services, improving web application architecture and scalability.
* Familiarity with **Kafka Streams API** for building stream processing applications in Java.
* Used **Java 8** Method References feature to point to methods by their names and used functional Interfaces.
* Knowledge of **Kafka Connect API** for integrating **Kafka** with other data sources such as databases, messaging systems, and/or file systems.
* Designed and implemented an **API Gateway-based** infrastructure to build and deploy **RESTful APIs** for a scalable and fault-tolerant web application.
* Utilized **API** Gateway Custom Domains to provide a custom domain name and **SSL/TLS** certificate for the API, ensuring secure and reliable communication.
* Designed and implemented an authentication and authorization system for a Spring Boot application using Spring Security in **STS**.
* Published and consumed Web Services using **SOAP, WSDL** and deployed it on **WebLogic** Webserver.
* Created a microservices architecture using Spring Cloud in **STS** for a distributed application that processed and analyzed large amounts of data.
* Familiarity with **RabbitMQ's** message routing mechanisms such as topic-based, direct, and fanout exchanges.
* Knowledge of RabbitMQ's security features such as **SSL/TLS** encryption, **SASL** authentication, and/or **ACL** (Access Control List) authorization.
* Monitored and fixed issues Build’s for **QA, DEV**, **integration** and **production** are monitored by integration tool **Jenkins**.
* Used **Active MQ**, as message broker for reliable and secure delivery of messages between applications.
* Followed Acceptance Test Driven Development (**TDD**) with the help of Cucumber framework where we automated the test execution of each feature we developed.
* Involved in writing of test cases using **Junit** and **Mockito** framework and maintained a branch coverage above 85%, which is a mandatory requirement.
* Developed and deployed Java applications on Microsoft **Azure**, utilizing Azure App Service to ensure high availability and scalability.
* Worked on **Relational** and object databases like **MySQL**, **SQL Server**, **Oracle**, **MongoDB**, **Cassandra**.
* Designed and implemented **RESTful APIs** using the Spring Framework, facilitating seamless integration between front- end and back-end systems hosted on **Azure**.
* Worked on Configuration of Internal load balancer, load balanced sets and **Azure** Traffic manager. Managed Docker orchestration using **Docker Swarm** and also responsible for the containerization of applications using **Docker**.
* Performed troubleshooting and resolution of integration issues across various environments, employing diagnostic tools and techniques to identify root causes and implement corrective actions.
* Experienced in using **Agile** Project Management tools like **Azure** Boards for agile planning, tracking, and management.
* Experienced in using **DevOps** tools like **Azure DevOps** for continuous integration, deployment and creating pipeline.
* Designing and developing **Restful API** and services using best practices to interact within the Microservices and with the front end. Using **spring MVC** and spring rest.
* Experienced in implementing Microservices, Service Oriented Architecture (**SOA**) with **XML** based Web Services (**SOAP/WSDL**) using Top Down and Bottom-Up approach.
* Involved in functional test of the application and tested Java applications using Functional Testing, **JBoss** and **Log statements.**
* Hands on experience in configuring Jenkins build jobs for various services to facilitate continuous integration (**CI/CD**).
* Used GitHub/Jira/Confluence tool for daily routines.
* Collaborated with stakeholders to gather requirements and translate them into architectural designs, balancing functional and non-functional requirements to deliver high-quality, cost-effective solutions.
* Involved in configuration setting for Development, Test, and Production Environment.
* Orchestrated the integration of **IBM WebSphere** with other middleware technologies such as IBM MQ (Message Queue), IBM HTTP Server, and IBM Integration Bus (IIB), enabling seamless communication and data exchange between applications.
* Generated swagger documentation for rest services and exposed it to external teams by using spring fox swagger library.

**Environment**: Java 1.8, Spring 2.5, NodeJS, react.js, Hibernate, Spring JPA, Java Web Services (REST, JAX-WS), EJB 3.0, JERSEY, jQuery, Spring Boot, JavaScript, Bootstrap, GCP, Web services, Azure, My Eclipse 10, MongoDB, PostgreSQL, Tomcat 8, Splunk, Kafka, GraphQL, Java Beans, Maven, UML, XML, XHTML, DHTML, JavaScript, CSS, XSL, DB2, SQL, SOAP, Log4j, Confluence, WebLogic, RDBMS, UNIX Shell Script.

**Role: Full Stack Java Developer Nov 2018 to Aug 2020**

**Client: John Deere Urbandale, Iowa Responsibilities:**

**Responsibilities:**

* Involved in writing of multiple batch jobs using **Spring Batch** framework where both annotation & xml-based configuration is done to support various business functionalities.
* Used **Spring Boot**, which is radically faster in building cloud based Microservices with very less configuration.
* Utilized RESTful principles to create scalable and interoperable APIs on the **IBM WebSphere** platform, facilitating smooth integration with various client applications.
* Used reactive & template driven forms to associate **HTML** elements to model & provide dynamic user validations on client side.
* Developed user interface by using the **React JS**, **Flux** for **SPA** development, also used **React** forms for data driven form components and React router to define module level routing.
* Used **ReactJS** to capture user actions and render the relevant action, as well as dynamically render the **UI** based on user actions.
* Expertise in creating Custom Reusable React Components Library for clients and experienced in working with **Redux** architecture using complex **Object-Oriented** concepts in improving the performance of the websites by displaying data using **React WIF, Redux, ES6.**
* Worked on **React Virtual DOM** and **React views**, rendering using components which contains custom **HTML tags**. Utilized

**Web Sockets** with React to maintain consistent and real-time state across users.

* Involved to implement various client-side interfaces on the front end using **React.js** and used various predefined components from **NPM** and redux library and deployed application to **NGINX**.
* Familiarity with **Spring Data JPA** annotations such as **@Entity, @Table, @Column,** and **@OneToMany** for mapping Java objects to database tables.
* Supported our legacy portal which was implemented with **Spring MVC** architecture.
* Configured **Docker** setup locally to have a unique environment across different layers of testing.
* As part of securing the **Restful** web services we used spring security filters along with bearer token authentication mechanism using **JWT** token.
* Implemented **OAUTH 2** (Rest service authentication) in our application to communicate securely with other protected resources by exchanging access tokens for authentication instead of using username and passwords.
* Administered, monitored and maintained multi data-center **Cassandra** cluster using **OpsCenter** and **Nagios** in production.
* Used **MongoDB** internal tools like **Mongo Compass**, **Mongo Atlas Manager & Ops Manager, Cloud Manager** etc.
* Lead daily stand-ups and scrum ceremonies for two scrum teams.
* Utilized **Java API** for **RESTful** Web Services (**JAX-RS**) to build RESTful web services, improving web application architecture and scalability.
* Familiarity with **Kafka Streams API** for building stream processing applications in Java.
* Used **Java 8** Method References feature to point to methods by their names and used functional Interfaces.
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* Created a microservices architecture using Spring Cloud in **STS** for a distributed application that processed and analyzed large amounts of data.
* Familiarity with **RabbitMQ's** message routing mechanisms such as topic-based, direct, and fanout exchanges.
* Knowledge of RabbitMQ's security features such as **SSL/TLS** encryption, **SASL** authentication, and/or **ACL** (Access Control List) authorization.
* Monitored and fixed issues Build’s for **QA, DEV**, **integration** and **production** are monitored by integration tool **Jenkins**.
* Used **Active MQ**, as message broker for reliable and secure delivery of messages between applications.
* Followed Acceptance Test Driven Development (**TDD**) with the help of Cucumber framework where we automated the test execution of each feature we developed.
* Involved in writing of test cases using **Junit** and **Mockito** framework and maintained a branch coverage above 85%, which is a mandatory requirement.
* Developed and deployed Java applications on Microsoft **Azure**, utilizing Azure App Service to ensure high availability and scalability.
* Worked on **Relational** and object databases like **MySQL**, **SQL Server**, **Oracle**, **MongoDB**, **Cassandra**.
* Designed and implemented **RESTful APIs** using the Spring Framework, facilitating seamless integration between front- end and back-end systems hosted on **Azure**.
* Worked on Configuration of Internal load balancer, load balanced sets and **Azure** Traffic manager. Managed Docker orchestration using **Docker Swarm** and also responsible for the containerization of applications using **Docker**.
* Experienced in using **Agile** Project Management tools like **Azure** Boards for agile planning, tracking, and management.
* Experienced in using **DevOps** tools like **Azure DevOps** for continuous integration, deployment and creating pipeline.
* Designing and developing **Restful API** and services using best practices to interact within the Microservices and with the front end. Using **spring MVC** and spring rest.
* Experienced in implementing Microservices, Service Oriented Architecture (**SOA**) with **XML** based Web Services (**SOAP/WSDL**) using Top Down and Bottom-Up approach.
* Involved in functional test of the application and tested Java applications using Functional Testing, **JBoss** and **Log statements.**
* Hands on experience in configuring Jenkins build jobs for various services to facilitate continuous integration (**CI/CD**).
* Used GitHub/Jira/Confluence tool for daily routines.
* Involved in configuration setting for Development, Test, and Production Environment.
* Orchestrated the integration of **IBM WebSphere** with other middleware technologies such as IBM MQ (Message Queue), IBM HTTP Server, and IBM Integration Bus (IIB), enabling seamless communication and data exchange between applications.
* Generated swagger documentation for rest services and exposed it to external teams by using spring fox swagger library.

**Environment**: Java 1.8, Spring 2.5, NodeJS, react.js, Hibernate, Spring JPA, Java Web Services (REST, JAX-WS), EJB 3.0, JERSEY, jQuery, Spring Boot, JavaScript, Bootstrap, GCP, Web services, Azure, My Eclipse 10, MongoDB, PostgreSQL, Tomcat 8, Splunk, Kafka, GraphQL, Java Beans, Maven, UML, XML, XHTML, DHTML, JavaScript, CSS, XSL, DB2, SQL, SOAP, Log4j, Confluence, WebLogic, RDBMS, UNIX Shell Script.

**Role: Full stack Java Developer April 2017 to Oct 2018**

**Client: : State of Michigan (Department of Technology, Management and Budget) Responsibilities:**

* Implemented Agile, and Scrum methodologies actively involved in technical meetings, requirements gathering, analysis, planning, effort estimations, development, and testing.
* Followed Agile methodology and used Test Driven Development. Created Design Docs from Functional Specifications
* Expertise in the implementation of Core concepts of **Java**, J2EE Technologies: **JSP, Servlets, Spring, Hibernate, Java Beans, JDBC, XML, Web Services**
* Created responsive front-end screens using **Angular, HTML5, CSS3, JavaScript, TypeScript, jQuery, and Bootstrap.**
* Developed Angular services, controllers and created models for two-way data binding.
* Validated forms using Angular and regular expressions, providing client-side and server-side validation.
* Expertise in implementing web and enterprise applications using **Java 8, Spring Boot, Spring Rest and Spring Security, Spring Batch, NodeJS, Python, MySQL, Angular, Mongo db.**
* Setup Alerting and monitoring using Stack driver in **GCP.**
* Reviewed High-level Design (**HLD**), Functional requirements and discussed the new functionality in team meetings.
* Extensively worked on **Java, Microservices, Sprint Boot**, and **Pivotal Cloud Foundry (PCP**) cloud structure.
* Responsible for maintaining and expanding our **AWS** infrastructure using **AWS EC2**, managing documents in **S3**, and providing **IAM** access to **S3** buckets.
* Good knowledge of using **Splunk** to identify the failures, errors in the applications
* Developed Class and Sequence Diagrams using **Rational Rose Software**.
* Used **Maven** to build and deploy applications.
* Involved in developing **REST API** which produces and consumes Web services from other APIs. Used **Hibernate** and **Spring JPA** to persist data into the database.
* Developed and implemented a **Linux Shell script** that retrieves the metadata of all the hive tables in a database.
* Used **JERSEY** framework to implement **RESTful** web services.
* Used **JAX-RS** to support the creation of **XML** and **JSON** via the Java Architecture for **XML** Binding (**JAXB**). Prepared the Technical Design Documents.
* Implemented **Spring Validation API** for writing and integrating the validation rules.
* Used Hibernate **ORM** framework as persistence engine, configured O/R mapping and wrote hibernate queries.

**Environment**: Java, Spring 2.5, NodeJS, Angular Hibernate, Spring JPA, Java Web Services (REST, JAX-WS), EJB 3.0, JERSEY, jQuery, Spring Boot, JavaScript, Bootstrap, GCP, Web services, AWS, My Eclipse, PostgreSQL, Tomcat 8, Splunk, GraphQL, Java Beans, Maven, UML, XML, XHTML, DHTML, JavaScript, CSS, XSL, DB2, SQL, Log4j, Confluence, UNIX Shell Script.

***Client:* Fairwinds Credit Union, Orlando**. ***July 2016 to Mar 2017***

***Role: Full stack Java Developer.***

**Responsibilities**

* Involved in software development life cycle (SDLC) by using agile methodology including project design, development, and implementation and testing.
* Developed Sequence, test cases, Use cases & class Diagrams and Process Flow diagrams using Rational Rose.
* Designed and developed Microservices using REST framework and Spring Boot and used Bootstrap along with AngularJS in creating the Application.
* Designed and implemented the User Interface using JavaScript, HTML5, XHTML, XML, CSS3, JSP, and AJAX.
* Developed the administrative UI using Angularjs and Inserted External Style Sheets to various web pages using CSS.
* Used various directives, filters and in-built services in Angularjs written Controllers and service objects.
* Worked on JavaScript frame work (Angularjs) to augment browser based applications with MVC capability.
* Used Node.js as a proxy to interact with Web services and also interacting with Database and Node.js is also used to handle multiple concurrent connections with minimal overhead on a single process.
* Used Angularjs to develop the client side application in MVC manner. And used Bootstrap as style sheet.
* Designed and developed the REST based Microservices using the Spring Boot, Spring Data with JPA (Java Persistence API) and Used Swagger to interact with API end points of the Microservices.
* Utilized Spring framework and integrated with back-end database using Hibernate framework.
* Implemented application using Spring concepts – Dependency Injection/ IOC, AOP, Batch implementation and Spring Model View Controller (MVC).
* Extensively used Hibernate in DAO layer to access and update information from the oracle database.
* Used Hibernate Query Language (HQL) for writing the custom queries.
* Used Hibernate to create data layer to the services to do CRUD operations in Database.
* Implemented business tier using Spring AOP and spring IOC.
* Parsed the XML based responses using JAXB Parser and validated XML against the schema.
* Designed and deployed a multitude application utilizing almost all the Amazon Web Services (AWS), like EC2, Elastic Beanstalk, Elastic Search, Cloud Watch, Cloud Front, Cloud Formation, IAM, S3, RDS, ElastiCache, SNS, SQS, AMIand Dynamo DBfor high-availability and fault tolerance.
* Worked on real-time streaming using AWS Kinesis and Event Driven Design using AWS Lambda, while auditing and Logging using AWS CloudWatch and AWS CloudTrail.
* Developing Web Service Client Component to make use of service APIs.
* Implemented and used Web services with the help of WSDL and SOAP to get updates from other APIs.
* Developed transformations using XSLT to simplify project specific large XML configuration files.
* Produced as well as consumed the SOAP/REST Web services using WSDL, SOAP and CXF.
* Worked on Rapid Application Development (RAD) as a developing environment.
* Consumed & developed Web services using JAX-WS/JAX-RS to communicate with different departments.
* Used JMS to pass messages as payload to track different milestones and statuses
* Used Maven for building and deploying Application.
* Worked on SOAP & REST based Web services to create the web based service

**Environments**: Java 1.6/1.7, Spring IOC, Spring AOP, Spring Boot, Spring Batch, Hibernate, HTML5, Angular js, Bootstrap, Servlets, Tag Libraries, RAD, AWS, XML, AJAX, JAXP, JAXB, JAX-WS/RS, XSLT, WSDL, SOAP-Web Services, DB2, IBM Clear Case, FileZilla, SFTP, JUnit, Mockito, JMS, ANT, EMMA.

**Client: Guidewire, Bloomington, IL. Nov 2014 - June 2016**

**Java/J2EE Developer Responsibilities:**

* Involved in gathering requirements and built technical specifications from the requirements.
* Agile methodology was used to develop the application. Daily Scrum was conducted as a part of this methodology.
* Implemented Spring based declarative transaction management as Spring Aspects.
* Configured and build Asynchronous communication with JMS services with MQ Series.
* Developed the Applications using Spring Framework, spring boot and spring batch.
* Used Spring modules for building the application based on different design patterns.
* Performed Inheritance based ORM with tables to simplify the data in Hibernate.
* Used GIT for version control and JENKINS for continuous integration
* Involved in development of presentation layer using JSF framework, and MVC design paradigm.
* Utilized JDBC API to access a database of reusable design components
* Implemented Micro Services architecture using Spring Boot for making applications smaller and independent.
* Application servers like Apache Tomcat.
* User Interface developed using JSP, Java script, AJAX, JQuery in Web module for dis application.
* Development of core components of a web site application using J2EE, EJB, Hibernate, SQL/PLSQL

**Environment**: Java, J2EE, JSP, JSF, Log4j, AJAX, Hibernate, JDBC, SQL, JQuery, Apache Tomcat, Spring, Jenkins, Spring Boot, EJB, Microservices.

**Client: Trilogy Health Services, Lyndon, KY. April 2013 to Oct 2014 Role: Java Developer**

**Responsibilities:**

* Developed the application as per the functional requirements from the analysts.
* Developed the client side validation using JavaScript.
* Developed web screens in Html and JSP.
* Design and Development of User Interface using Struts tag libraries.
* Responsible for client side validations and server side validations in JSP.
* Design and Development of server side modules using J2EE, spring, Struts, EJB and Utility classes.
* Used Web Services to extract and communicate the records using XML and REST.
* Installed and configured WebLogic in Development and Testing environment.
* Developed the transaction-oriented logic in the Data Access Layer.
* Designed, developed, debugged and tested the web based J2EE application.
* Used Log4J utility to log error, info and debug messages.
* Configured and deployed the J2EE application on WebLogic Application Server.
* Used the Transaction to persist the data in the Oracle.
* Used apache struts to develop the web-based components.
* Front end validations are written using JavaScript.
* Performed Unit Testing using JUnit.
* Provided a User Manual and User Training on the new system to ease them into the new system.

**Environment:** Java 1.5, J2EE, JSP, Servlets, Hibernate, Spring, Struts, PL/SQL, WebLogic Application Server, REST and SOAP Web services, UML, SVN, Log4J, Oracle, Unix.