| **Sr. Java Full Stack Developer**  **Sandhya**  **Summary:** |
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* 10+years of experience in **Java** **Full** **stack** Developer, **Software** **Development** **Life** **Cycle**, Object Oriented programming, developing and testing of Client/Server, Enterprise and **Web** Applications and Followed **Waterfall**, **Agile** **methodologies** like **Test** **Driven** **Development** **(TDD),** **SCRUM**, and Pair Programming.
* Replicates and documents **software** defects using bug tracking tools and reports defects involving program functionality, output, online screen and content to **development** team using **Rally** **Agile** Management tool.
* Expertise in design and **development** of **web** applications using **JSP**, **JavaScript**, **HTML5**, **CSS3**, **JQUERY**, **AJAX**, **JSON**, **DOJO, XSL, XSLT**, **Node**.**JS**, **Angular**.**JS**, **Backbone**.**JS**, require.**js**, **bootstrap**, **ExtJS** and single page applications (SPA) by using **JavaScript** **MVC** **framework**, **Angular JS**. Experienced in Advanced **Java** concepts like **JDBC, Servlets and JSPs.**
* Used **Node** Package Manager (NPM) to manage or install the **Node** - **JS** modules like **Webpack, Grunt, Gulp, Brower Sify**, Express, underscore.**js**, require.**js**, **crypto**.**js**, **mongoose**, and **mongo**.**js**. Proficient in using higher level style syntaxes, LESS and **SASS** for writing **CSS** styles Proficient in Responsive Design Layout applications using **Bootstrap** supporting multitude of browsers and devices. Used **JIRA** and Rally to Bug/Issue tracking and project management.
* Implemented Java8 features like **Lambda** expressions, Streams, filters and fetching documents from the **database**.
* Extensive involvement in Front-end **Web** Application **Development** involvement with innovations utilizing **HTML** 5, **CSS** 3, jQuery, **JavaScript**, **ReactJS**, **NodeJS**, **Angular**, **Bootstrap, VBScript, Perl**, **AJAX**.
* Worked on MongoDB database concepts such as locking, transactions, indexes, Sharding, replication, schema design.
* Managed structured data that is designed to scale to a very large size across many commodity servers, with no single point of failure by using Cassandra. Knowledge experience with other NoSQL Databases.
* Experienced in developing **web** applications by implementing **Model View Control** (**MVC**) architecture using **JSP Servlets, J2EE** **Design Patterns, Struts**, **Spring** **Framework** (**Spring** **MVC**/**IOC/ORM/AOP/Security/Boot).**
* Execute SEO content strategy that improves reach and keyword rank by developing valuable keyword-rich content
* Expertise in **AWS** **Cloud** administration and architecture, including **AWS** **IAM, EC2, VPC, S3, EBS, AMI, SNS, RDS**, **Cloud** Formation and **Cloud** Watch, focusing on high-availability and fault tolerance.
* Creating complex JIRA workflows including project workflows, custom fields, notification schemes, reports and dashboards in JIRA.
* Expertise in creating User Controls, **Web** Forms and client-side validations using **JavaScript**, **jQuery** Validate and **Angular**-**JS**. Experienced in using Backbone-**JS** to connect the **API**’s which enforces the communication to the server.
* Experience in building MEAN applications using **MongoDB**, Express.**JS**, **Angular**-**JS**, **Node**-**JS**, creating **RESTful** **Web** **services** with **Node**-**JS**, Express-**JS** and installing client-side dependencies using Bower. Knowledge of developing single page **web** applications by using **Angular** with typescript/ ES and **jQuery** and working knowledge on HTTP access control CORS to enable cross-origin resource sharing in the project. Experience in **XML** related technologies **like DTD, XSL, XSLT, XPATH, JAXB, JAXP, SAX and DOM, Castor.** Expertise in creating real time **data** streaming using **Apache Spark/Spark Streaming, Kafka.**
* Experienced in **React**-**JS** and working with **React** flux architecture, redux architecture using complex Object-Oriented concepts in improving the performance of the websites. Experienced in testing **Angular**, **Angular** 2 applications using **Jasmine, Mocha,** Karma, and **Angular** **Test** Bed. Experienced in **Java** **Web**-based, Desktop Based **Development** with Concepts of **Object-Oriented** **Design (OOD), Object Oriented Analysis (OOA),** **Object Oriented Programming (OOP)** and its implementation.
* Expertise in using **J2EE**technologies like **JSP**, **Servlets, EJB, JDBC, Java Beans, JMS, RMI JNDI,** **XML** and **Web** **services** (**RESTful** and **SOAP**). Used **Java** Messaging **Services** (JMS) for reliable and asynchronous exchange of important information.
* Proficient in UI design developed Front End using JSP, **HTML5**, **CSS3**, **JavaScript**, **Ajax, jQuery,** **ReactJS**, **Angular** **JS**, No **JS**, Typescript, ECMA Script. Worked on **SOA** **architecture (SOAP, WSDL, UDDI**) using **Apache Axis2.**
* Installed JIRA Suite utilities plugin that provides additional workflow features such as conditions, validator and post-functions.
* Used Spark-Streaming APIs to perform necessary transformations and actions on the fly for building the common learner data model which gets the data from Kafka in near real time and persist to Cassandra. Used Cassandra Connector to load data to and from Cassandra. Good exposure on both development and administration of NoSQL database MongoDB.
* Provided 24x7 on-call support for production and development systems for both SQL and NoSQL databases.
* Good command and knowledge in working with core **java** concepts like Collection frameworks, Interfaces, Synchronization, Serialization, Thread pools, JavaBeans, Externalization, Generics and Annotations.
* Proficient in **Cloud** based deployment on **Amazon EC2** and their other offerings like **S3** and **AWS** including **EC2, Elastic Beanstalk, VPC, S3, EBS, ELB, SES, Dynamo DB, lambda, Cloud-Front, IAM, RDS and Cloud Watch,** Elastic cache, SNS, SQS,AMI.
* Experienced on Server-Side view rendering **Java** content structures like **React**.**JS** and rendering pages on the server side utilizing Redux and Flux to accomplish unidirectional plan stream.
* Hands on experience in implementation of PCF (**Pivotal** **Cloud** **Foundry**), PAAS (Platform as a **Service**) **services** such as **Pivotal** Application **Service**, **Pivotal** Container **Service** and **Pivotal** Functional **Service** to continuously deliver applications on to the **cloud**. Experience in using built tools like Maven, Ant, **Jenkins** and Log4J to automate the process.
* Experience with **Java** 1.8 features such as Lambdas for making function calls by using functional interfaces which makes code readable and concise. I have developed applications using **Scala, Akka** and Play **Framework**.
* Experience with Deployment tools such as Docker images, Containers, **Kubernetes**, push/pull with **Spring** **Boot**, used **Jenkins** for CI/CD and AI. Hands on experience with messaging tools like **Kafka, RabbitMQ, JMS, ActiveMQ** for operations.
* Hands on experience in design and **development** of robust and highly scalable applications and **API**’s based on **REST** and **SOAP** applications using **AXIS, WSDL, UDDI, XML, JAX-WS, JAX-RS, JAXB, JAX-RPC and Jersey, Apache CXF frameworks.**
* Expertise in Design Patterns like Singleton, Business Delegate, **Service** Locator, DAO, DTO and **MVC**, Template in the **development** of multi-Tier distributed Enterprise Applications and sound knowledge on multi-threading.
* Ensure JIRA capture add-on and configure JIRA capture tool for exploratory testing, easy creation of issue with browser extension by pre-filling templates.
* Hands on experience with application **development** using **J2EE** Technologies like **Spring** frameworks, **Hibernate**, **Servlets, JSP, JDBC, EJB, JPA, JDBC, JavaBeans** and **Web** **services** with concentration on effortless backend functioning.
* Completely automated Cassandra cluster deployments on AWS using Terraform templates, Cloud formation templates and puppet. Experience in data modelling and in migrating the data to MongoDB based on business needs.
* Experience in testing frameworks like **Jasmine**, Protractor for **angular** functionality testing and **karma** for running tests
* Expertise in modern **web** architecture using various **Java** script frameworks and libraries like **React** **JS**, **Redux, Redux** Tool kit, **Angular**, AngularJS. Experience with **Java** **Messaging** **Services** (JMS) like **Rabbit MQ, Active MQ** and **Apache camel.**
* Extensively used **Angular** features such as lambda expressions, method referencing, Stream **API’s,** parallel operations on collections, multithreading, and for effective sorting mechanisms and to increasing performance of the application.
* Worked on **Microservices** architecture using **spring** **Boot** and using Netflix eureka server and implementing using **NodeJS**.
* Strong experience in **Spring** **Framework** modules such as **Spring** **MVC**, **JDBC**, **Spring** Dashboard, **Spring** **Boot**, **Spring** core, **Spring** **Web**, **Spring** **Microservices**, **Spring** Eureka, **Spring** Netflix, **Spring** Batch. Experience in using **Spring** **ORM** module and integration with **Hibernate** **ORM** **framework**. Designed front end and backend of the application using Python on Django **Web** **Framework** Used various version control **software** such as SVN, **GIT**, **GIT** LAB, CVS, Big Bucket for maintaining code repositories.
* I have experience in designing test cases, performing unit testing and Integration testing with JUnit Framework. For testing **RESTful** and SOAP **Web** **Services**, I used Postman and **SOAP UI.**
* Experience in managing large-scale, geographically-distributed database systems, including relational (Oracle, SQL server) and NoSQL (MongoDB, Cassandra) systems.
* Resolved issues as they arise with JIRA Projects and Confluence in coordination with JIRA hosting partner team.
* Expertise maintaining (**ORM**) Object/Relational Mapping Files using **Hibernate** to ensure object persistency and transaction control Experience in implementing persistence layer using JPA and **Hibernate**.
* Hands on experience on working with OAUTH to provide authentication and authorization to **Rest** **services** by using **JSON** **Web** Tokens (JWT) to securely communicate **JSON** Objects. Implemented point-to-point IBM MQ for programmatically communication and later worked on enhanced implementation on **P/P IBM MQ to IBM MQ publisher/subscriber.**
* Expertise include **Agile – Scrum** and **waterfall methodology,** testing tools and automation, and managing the product lifecycle, sprint planning, sprint review and sprint retro and user story prioritization.
* Expert in working with databases like **Oracle, MySQL, DB2, SQL server** to generate complex **SQL**, PL/**SQL** queries, sub queries like joins, view, triggers etc. and **NoSQL** databases like MongoDB and Cassandra to database modelling and **development**.

**Education:**

* **Bachelors B-Tec in CSE from JNTU, Hyderabad in 2011**

**Technical Skills:**

| **Languages:** C, C++, **Java** (1.7)/(1.8), **JavaScript** ES6, **SQL**, PL/**SQL**, UML2.0  **Technologies**: JSP2.1/2.0/1.2, Servlets 2.x/3.x, JavaBeans, JDBC, Struts2.x, Hibernate3.x/4.x, Spring3.0/4.0, **Web** **Services**, **SOA**, JMS2.0, and DOM Parsers, AJAX.  **Web Technologies:** **HTML5**, **CSS3**, LESS, SASS, Bootstrap-3, Object Oriented **JavaScript** Programming, PHP, **JSON**, SEO, Typescript, ES-5, jQuery, **Angular**.**js**, **React**.**js**, **Node**.**js**, Backbone.**js**, and Express.**js**.  **Development Tools (IDEs):** Eclipse, NetBeans, MS Visual Studio, Brackets  **Web/Application Servers:** Tomcat7.x, **Web** Logic 10.3/9.2/8.1/7.0 , IBM WebSphere7.x/8. X, JBOSS  **Database:** Oracle 11g, **SQL** server 2008, MySQL, MongoDB, Cassandra  **Platforms:** Windows, UNIX, LINUX, MAC  **Testing Tools:** JUnit 4.x, TestNG, Karma, Jasmine, Mocha  **Version Control**: CVS, SVN, Rational Clear Case, **GIT** Hub  **Methodologies:** Agile Methodology, Waterfall model, Angular1/2  **Build Tools& Cloud tech**: Gradle, Maven, **Jenkins**, Gulp, Grunt, Docker, **AWS**  **Project Management tool:** Rally and Jira |
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**Professional Experience:**

**Client: AR conic, Davenport, Iowa APRIL 2023 to Current**

**Role: Sr. Full stack Developer**

**Responsibilities:**

* Sound Knowledge about the entire (**SDLC**) of the project right from the designing of the project till the implementation phase of the project. Expertise in using **CSS3**, **HTML5**, **React**, **TypeScript, ES6,** **JavaScript**, **JSON** and **jQuery** to create UI **web** pages.
* Involved in various phases of **Software** **Development** **Life** **Cycle** (**SDLC**) of the application. Developed applications using Angular2, Java8 and new features of **java** (**lambda expressions).** Developed screens using **HTML5**, **CSS3**, SASS, **JavaScript**, jQuery and AJAX. Produced content pages with **CSS3** layout and style markup presentations and used **JavaScript** methods and properties. Used Enterprise built security wrapper to secure **REST** endpoints, using policies to provide secure access.
* 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.
* Experience in design and developing Microservices leveraging MongoDB. Developed services to monitor housing loan/underwriting related information reports to managerial people.
* Used **ReactJS** to capture user actions and render the relevant action, as well as dynamically render the UI based on user actions. 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**.
* Created and managed JIRA templates and complex JIRA workflows including project workflows, screen schemes, permission scheme and notification schemes.
* Involved in data modeling for applications on Cassandra and migrating databases from Oracle to Cassandra.
* Experience in Vue.**JS** for building apps and declarative templates with databinding, created some custom directives in the application. Experience in using **Java** 11 features such as Lambdas, Streams, Observables and Completable Futures etc.
* Developed **microservices** and created **REST** **API**'s using **Java** **Spring** **Boot** **framework**, and **Spring** **REST** implementation and used Maven as a build tool. Designed and documented **REST**/HTTP **APIs**, including **JSON** **data** formats and **API** versioning strategy. In - depth understanding of NoSQL High Availability strategies - rep location, sharding, and failover
* Developed **microservices** using **spring** **framework**, benefiting from auto-configuration using **spring**-**boot**, securing with **spring** security. Used **Spring** JDBC templates for database interactions and used declarative **Spring** AOP transaction management.
* Used **Spring** Core Annotations for Dependency Injection **Spring** DI and **Spring** **MVC** for **REST** **API**’s and **Spring** **Boot** for **microservices**. Implemented **REST** **API** **web** **service** to fetch **data** from the MongoDB.
* Responsible for creating complex JIRA workflows, conditions and setting up and maintaining JIRA, using Advanced scripts (Groovy & JavaScript) to extend workflow capabilities both front-end and back-end, for large enterprise JIRA environments.
* Implemented Kafka consumer and producer configurations to use for high-volume streaming with pub-sub model using multiple inheritance AVRO schemas with same topic. Used swagger **framework** for **rest** **API** documentation.
* Deployed end to end event-**driven** **microservices** architecture using **Apache** Kafka and deployed with Kafka Elasticsearch.
* Used **spring** **data** JPA with default implementation of **hibernate** **ORM** for database connectivity to abstract the complex configuration involved with connection management. Used GitLab for version control management.
* Integrated **Kubernetes** into **CI/CD pipelines** (e.g., **Jenkins**, **GitLab CI/CD, and Travis CI**) for automated application builds, testing, and deployments. Designing complex application Oracle database statements for querying, updating, and reporting.
* Proven experience with Application Servers like IBM **Web** **Sphere 6.x/5.x/7.x/8.0, Oracle/BEA** WebLogic9.x/8.x/7.x/6.x, JBoss and **Tomcat 7.x/6.x/ 5.x/4.x/3/experience** with Docker Containers, leveraging Linux Containers and AMI’s to create Docker Images/containers and Kubernetes. Expertise in design and **development** of various **web** and enterprise applications using Type safe technologies like Scala, Slick. Worked with **spring** annotations mechanism to create **RESTful** applications.
* Experienced in **Development**, testing and deployment of enterprise applications on Windows & UNIX platforms using IDE's such as Eclipse, **Rational Application Developer (RAD), NetBeans, IntelliJ 14.x/15.x** Solid knowledge of NoSQL database concepts Experience in creating js/no-SQL scripts for DML operations using MongoDB
* Designing, creating, executing and monitoring spark job on Cassandra cluster for validation, loading from Oracle database.
* Developed and implemented Swing, **Spring**,ESB Mule and **J2EE** based **MVC** (Model-View-Controller) **framework** for the application. Working Knowledge of **ORM** library like SQL Alchemy. Used GWT and Amazon **AWS** (EC2/S3/EBS) for prototyping and subsequent evaluation. Developed **test** cases and performed unit testing using Junit **framework**.
* Used **spring** **framework** to inject **services**, entity **services**, transaction management, and concerns by factory class corresponding to the use case operation executing Designed and developed the UI using **HTML5**, **CSS3**, **JavaScript** and AngularJS. Tested **REST** and **SOAP** **services** using google chrome’s POSTMAN plugin.
* Used **Spring** Core Annotations for Dependency Injection **Spring** DI and **Spring** **MVC** for **REST** **API**’s and **Spring** **Boot** for **micro**-**services**. Worked on developing **Restful** endpoints to Cache application specific **data** in in-memory **data** clusters like Redis.
* Implemented the initial Windows containerization support for **Cloud** **Foundry**, Helped maintain **Cloud** **Foundry** Build pack for a few months also worked on Diego the orchestration and scheduling subsystem of CF.
* Extensively used **ETL** methodologies for supporting **data**-extraction, transformations and loading processing in a corporate-wide ETL solution using Ab Intio/Informatics **Power** center. Used Bootstrap for responsive design which allows users to access it from any device. I have extensively used **Angular** 14 **framework** to create a Single Page Application (SPA).
* Experience in developing applications using **Java** 17 and its new features like sealed classes, pattern matching, and foreign function and memory **API**. Developed **Hibernate** classes to retrieve and save **data** using **Spring** **Framework** manager classes.
* Implemented **data**-**driven** testing using Cucumber to execute scenarios with multiple **data** sets, expanding **test** coverage.
* Implemented **Service** Oriented Architecture (**SOA**) by developing and consuming **RESTful** **web** **services** and used **Microservices** to communicate using synchronous protocols HTTP and **REST**.
* Perform database updates and load data in a MongoDB.
* I developed Responsive Single Page Applications (SPA) using **REACT** **JS** and Closely worked with Application using **React**.**JS** and **Node**.**js** libraries NPM, gulp directories to generate desired views and redux to root the URLs properly

**Environment:**Angular 4.0, Node JS, HTML5, CSS3-SASS, Twitter Bootstrap4.0, ES6 JavaScript, React-Axios, AJAX HTTP Service, TypeScript, Spring boot, JPA, jQuery, OAuth2.0, Apache Kafka, Active MQ, Jenkins, Bamboo, Log4j, MY SQL, Cassandra DB

**Client: PayPal, San Jose, California Feb 2023 to March 2023**

**Role: Full Stack Java Developer**

**Responsibilities:**

* Responsible for defining, documenting and articulating functional scope. Involved in technical analysis, problem-solving, tracking and managing customer and product integration requirements in a multi-transactional fast paced environment.
* Estimating efforts and providing enterprise service consulting for the technologies to integrate variety of applications.
* Leading and supporting critical middleware projects involving **Cloud based SaaS - Web APIs, services, IIB and DataPower.**
* Discover and registering existing/new **API**’s to enhance business solutioning via readily accessible information.
* Coordinating end to end project delivery for customers from requirement gathering to prod release including its support.
* Comprehensive experience on variety of technologies - **IIB/WMB, DataPower, Akana, Axway(Cloud SaaS), putty(UNIX), RTC, MF** **copybooks, UC Build, UC Deploy, SCM** Harvest repository, Ultra edit, Visio etc.
* Design analysis and engagement towards interaction with diversified platform applications like Provider repository, **Membership, ICIS, Salesforce, Google** **API**'s, **Cognos, IBM Watson, Mainframes**, **Heeter, SAS, BRE, Apttus, Oracle DB**, and **DataPower** etc. Responsible for delivering architecture guidelines for web **API**'s and digital deliveries.
* Contributing in enhancing platform abilities to onboard newer **API** technologies like **Akana**, Axway etc for Product Methodology adaptation for better customer experience. Defined standard features for IBM **API** Connect SOA Gateway.
* System Behaviors analysis and health check through **Splunk, Dynatrace** etc to identify potential threats and to minimize the risks. Responsible for supporting offshore developers and regular check-ins/code reviews to deliver quality.
* On boarded and introduced Neo load for performance testing within the team as part of an internal quality delivery initiative.
* Coordinating the testing in higher environments with consumers/clients and; analyzing and resolving critical defects in Prod with aggressive timelines. Install, configure, administer, and support multiple NoSQL instances
* Commitment to deliver projects based on customer guidelines and timeframe keeping all the communications active and on time. Responsible for delivering **SOA Gateway, SOA Services Framework & REST Framework** using IBM **API** Connect.
* Following agile Product development and delivery methodology within scrum to bring a quality product in the market at the earliest. Created REST **API**’s using the YAML files, and exposed existing **SOAP services** as **RESTful services in API Connect.**
* Responsible for delivering Solution approach and designs for **API** Connect and **Data** **Power (SOA & REST) framework** implementations. Created use case diagrams, sequence diagrams, object diagrams in **UML/Visio.**
* Responsible for delivering Solution designs, detailed designs, and project delivery for various IIB/ACE frameworks working customer solution architecture teams. Deployed and tested the pricing web service using RAD.
* Implemented IIB message flows solution using various nodes like **SOAP/Http/MQ Input, Compute/Map** nodes for transformation**, CICS/Kafka** connector nodes, and validation nodes and so on.
* Responsible for solution designs and delivery of **API** Gateway & Management implementation, instrumental in delivering APIs to critical Portfolios. Performing unit testing of the implemented Integration components.
* Created Integration solution design documents for **WMB/IIB/DataPower** tools for critical interfaces like Customer, Policy, Claims, Auto Rating and Billing Systems. Implemented Enterprise java beans for rule handler component.
* Created Detailed Analysis, Mapping Documents for critical enterprise grade interfaces like Claims, Auto Rating and Billing.
* Responsible for the Detailed Design Specification Documents for the Customer, Policy, Claims, Auto Rating and Billing service interfaces. Created service-level testing patterns/practices using **SOAP UI tool** for Unit-testing across portfolios.
* Implemented the technical solutions using the WebSphere message broker/, integration bus, **DataPower** and **API** Connect tools. Created Request and Response Schemas for Service. Implemented **XML to Java Mapping** using **Castor Framework.**
* Lead both on-site/offshore delivery teams in delivering the design, implementation, and **UT** components and responsible for overall integration solution designs & deliverables.
* Supporting and leading on-site and offshore teams during Integration and System testing phases and various production deployments. Created Detailed Analysis (Mapping) Documents for different interfaces. Unit Testing of Code.
* Created REST **API**’s using the **YAML** files, and exposed existing **SOAP services** as **RESTful services** in **API** Connect.
* Implemented IIB message flows solution using various nodes like **SOAP/Http/MQ Input,** Compute/Map nodes for transformation, **CICS/Kafka connector nodes**, and validation nodes and so on.
* Responsible for the Detailed Design Specification Documents for the **Auto Rating,** Billing, Claims, Policy, and Customer Interfaces. Created Pricing Web service on top of rule handler **EJB** component using **RAD**.
* Lead offshore teams in delivering the design, implementation, and UT components and responsible for overall integration deliverables. Involved in the Requirements gathering for Pricing Service. Involved in design of the Rules Component.
* Created service-level testing patterns/practices using **SOAP UI** tool for Unit-testing commercial lines integration services.
* Implemented the technical solutions using the **web sphere** message broker, integration bus and **Data** **Power** tools.

**Environment:** IBM API Connect, IBM DataPower, IBM MQ, IBM Integration Bus, IBM WebSphere Fabric, CGI Rata base, HP Xstream, DB2, Harvest SCM, Urban Code, SoapUI, Postman and RFHUtil

**Client: Chiltern International,** **Wilmington, North Carolina Sep 2022 to Jan 2023**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Responsible for Building applications using **React**.**js** which allowed us to render pages on both the client and server using the same codebase. Responsible for **React** UI and architecture. Building components library, including Tree, Slide-View, and Table Grid. Used Babel as a trans piler, Webpack as the module bundler in **React**.**js** and **Redux**
* Integrated Redux **data** store allowing **React** components to have access to **data** resulting in highly maintainable code.
* Developed **REST** **Web** **Services** clients to consume those **Web** **Services** as well other enterprise wide **Web** **Services**
* Implemented **React**.**js** code to handle cross browser compatibility issues in Mozella, IE 7, 8, 9, Safari and FF. Used Babel plugin tool for conversion of ECMA versions to support all type of browsers. Developed the flux pattern by using redux **framework** as a core dependency. Developed both **Restful** and SOAP **web** **services** depending on the design need of the project.
* Used **Java**-**J2EE** patterns like Model View Controller (**MVC**), Business Delegate, **Data** Transfer Objects, **Data** Access Objects, factory patterns. Written optimized queries in the Mongo DB to increase the performance of the application.
* Designed and developed the End Points (Controllers), Business Layer, DAO Layer using **Hibernate** and **Spring** IOC (Dependency Injection). Migrated the **data** from Oracle database to the Mongo database using listeners and **Apache** Kafka.
* Extensively used **MVC**, Factory, Delegate and Singleton design patterns. Used **React**-Router to turn application into Single Page Application. Developed **SQL** Queries to fetch complex **data** from different tables in remote databases using joins.
* Used **Hibernate** **framework** for back-end **development** and **Spring** DI for middle layer **development**. Used **Spring** **MVC** Transaction Management and **Hibernate** cache concepts. Modified the **Spring** Controllers and **Services** classes to support the introduction of **spring** **framework**. Used **React**-router to route the pages on the client-side and built SPA
* Used **Apache** Kafka for reliable and asynchronous exchange of information between multiple business applications.
* Skilled in utilizing **Angular** 14 component-based architecture and features like modules, components, **services**, and directives to build modular and maintainable applications. Used props, states, keys, refs in **React**.**js** to build the UI components.
* Familiarity with the latest **Java** **APIs** and libraries introduced in **Java** 17 for improved functionality and performance.
* Used Maven as build and dependency management tool for creating EAR, WAR and JAR file to be deployed in application servers and integrated with **Jenkins**, and Bamboo. Good experience with **XML** Parsers & **Web** **Services**.
* Experience in end-to-end **development** and migrating the application to **Cloud** using the Amazon **web** **services** (**AWS**) availing **services** of **AWS** like EC2, Elastic Beanstalk, Elastic Search, **Cloud** Watch, **Cloud** Front, **Cloud** Formation, IAM, S3, RDS, Elastic ache, SNS, SQS, AMI and Dynamo DB. Using MDM created user stories for IT **development** and support effort
* Used **Apache** Spark jobs using Scala in **test** environment for faster **data** processing and Spark **SQL** for querying.
* Generated Use Case Diagrams, Class Diagrams and Sequence Diagrams with Business team using Rational Rose.
* Collaborated with performance testing teams to integrate Cucumber with performance testing tools for end-to-end performance and load testing. Integrated SEO strategy that helped the website reach top rank on Google
* I have used core **java** concepts like Multithreading, Collections, Exception Handling and Annotations.
* Experience with the Java8 features like Lambda expressions and Default method in Interfaces.
* Experience in **development** and maintenance of Enterprise applications using **J2EE** (JSP, Servlets) and Struts.
* Expertise in **development** of **Web**-based applications in **Java**, **J2EE** (Servlets, JSP, EJB, JDBC, JNDI and JMS).
* Worked in **React** **JS** for creating interactive UI's using One-way **data** flow, Virtual DOM, JSX, **React** concepts
* Develop and evolve Master **Data** Management (MDM) **services** in partnership with our strategic vendors
* Work cross-functionally with **development**, design, product, and marketing teams to plan and implement SEO updates
* Utilize **data** from external provider to properly class MDM **data** components (customer category, sub-category, etc.)
* Used most of the new features of **Java** 9 like lambda expressions for communicating between business layer and database, stream **API** for Bulk **Data** Operations on Collections using both streams and parallel streams.
* Implemented the application using **Spring** IOC, **Spring** **MVC** **Framework**, **Spring** Batch and **Spring** **Boot** and handled the security using **Spring** Security and Involved in writing Thread Safe blocks for multithread transactions.
* Used **Micro** **service** architecture with **Spring** **Boot** based **services** interacting through a combination of **REST** and **Apache** Kafka message brokers. Maintain corporate MDM policy and recommend changes to management as necessary
* Used AJAX and **JavaScript** for validations and integrating business server side components on the client side with in the browser. Developed front-end user interfaces with **ReactJS** by creating many components and modules.
* Developed SOAP **web** **services** utilizing business logic for CRUD functionality and **Rest** Easy **web** **services** for creating reports

**Environment:**JavaScript, React JS-Redux, HTML5, CSS3-LESS, AJAX, Bootstrap, jQuery, Spring Security, Rabbit MQ, Spring Data, Spring Batch, Quartz Scheduler, Hibernate, Microservices, Restful services, Eclipse Java EE IDE, Jenkins, Spring Cloud

**Client: Pramathi Technologies (P) Limited, India Dec 2017 to Mar 2022**

**Role: Java Developer**

**Responsibilities:**

* Identified business requirements of the project. Used **CSS**, **HTML**, **Java** Script, jQuery, AJAX for creating interactive **web** Application. Involved in **development** of **Spring** DAO layer which invoked database queries.
* Wrote PL/**SQL** stored procedures, Prepared statement and used **API**. Involved in developing the **CSS** sheets for the UI Components. **Data** modeling and **development** experience in Cassandra or other NoSQL databases
* Involved in writing the exception and validation classes using Struts validation rules. Used **Web** Sphere Application Server for deploying various components of application. Involved in various phases of **Software** **Development** **Life** **Cycle** (**SDLC**).
* Used **Spring** AOP for cross cutting concerns like logging, security and transaction management.
* Persistence layer was implemented using **Hibernate** **Framework**. Front - end is designed by using **HTML**, **CSS**, JSP, Servlets, JSTL, Ajax and Struts. Involved in developing the **CSS** sheets for the UI Components. Monitored the error logs using Log4J and fixing the problems. Used Log4j to capture the log that includes runtime exceptions and debug information.
* Involved in writing and executing stored procedures, functions and triggers for **Oracle** to create a Database Management System. Successfully executed all the **test** cases and fixed any bugs/issues identified during the **test** cycles.
* Used Junit for unit testing. Developed view components using JSP pages used in combination with Servlets that handles business logic. Implemented **test** cases and performed automation testing using JUnit **Framework**
* Used **JavaScript for** **web** page validation. Created and modified Stored Procedures, complex **SQL** Commands for the application using PL/**SQL**. Implemented **hibernate** mapping like one to one, one-to-many and Many-to-Many based on Requirement. Used JIRA for defect management and effective tracking of bugs and **Git** for version control
* Involved in migrating existing monolithic application into **Micro** **Service** Architecture based **RESTful** **Service** and deployments were done using Docker into **AWS** EC2 container **service** using **AWS** admin console.
* Built real time engine which can process information and push notifications to Apple Push Notification **service** and Google **Cloud** Messaging **Service** using **Apache** Kafka and **Apache** Storm.
* Experience in managing and maintaining Identity and Access Management (IAM) policies for organizations in **AWS** to define groups, create users, assign roles and define rules for role-based access to **AWS** resources.
* Implemented Model View Controller modules and design patterns. Developed and debugged the Servlets and EJB with **Web** Sphere Application server. Used SOAP for **Web** **Services** by exchanging **XML** **data** between applications over HTTP.
* Collaborated with multiple teams to implement requirements and deploy the releases. Created **test** plan documents for executing the scripts on major enhancements. Developed JUnit **test** cases as part of the **Test-Driven** **Development** approach. Used Log4J for debugging and error logging. Implemented the Persistence/DAO layer using **Hibernate. Involved** in creating **Web** **Services** using a Top-Down approach. Built multiple template standards to create modals
* Developed **MVC** **framework** **Spring** and **ORM** tools such as **Hibernate**.
* Used MySQL as backend database and developed business logic using Core **java** and **Spring** **MVC** for processing the front-end request and to fetch the **data** from the database.
* Designed the **data** layer using a combination of **SOAP** and **Restful** **web** **services**.

**Environment:**SOA, HTML, CSS- Saas, AJAX, Angular 1.6, SOAP, JAX-RS, Jersey, Swagger, Hibernate, Spring, Spring Batch, WSDL, Spring AOP, Oracle DB, Karma, Jasmine, Jenkins, AWS, JWT.

**Client: Sommet Technologies Pvt Ltd, India Jun 2013 to Nov 2017**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Developed **Hibernate** DAO classes and with the **spring** **framework** manager classes retrieve and save the **data** from the database. Used **Spring** Batch to design lightweight and comprehensive solution to the **development** of batch applications.
* Used **spring** **framework** to achieve loose coupling between the layers thus moving towards **Service** Oriented Architecture (**SOA**) exposed through **Restful** **Services**. Used display tag to render large volumes of **data**. Bean, **HTML** and Logic tags are used to avoid **java** expressions. Worked with My Batis persistence **framework** at backend programming.
* Created and injected **spring** **services**, **spring** controllers and DAOs to achieve dependency injection and to wire objects of business classes. **Development** of **cloud** hosted **web** applications and **REST** **APIs** using **Spring** **Boot** with embedded Tomcat.
* Developed and implemented Business Requirements using **Spring** **MVC** **framework**. Implemented cross-cutting concerns such as logging, authentication and system performance using **Spring** AOP. Implemented **RESTful** **Web** **Services** using **Spring** **MVC** and **JSON**. Used **HTML5** and **CSS3** for application **development** using **ReactJS**.
* Created the User Interface screens using **Spring** **MVC** for logging into the system and performing various operations on network elements. Worked on the JSX **React** extension to develop **web** pages in **ReactJS** architecture using Babel.
* Developed necessary parsing and **XML** construction logic using **XML** parser **APIs** JAX-Experience in implementing custom monitoring system through Splunk into deployment processes. Used **Hibernate** Detached Criteria, **HQL** and written some **SQL** queries for **data** retrieving. Developed user interfaces using **JavaScript**, **React** **JS**, **HTML**, **CSS** custom tags.
* Used **React JS** to create views to hook up models to the DOM and synchronize **data** with server as a Single Page Application (SPA). Worked on various **Life** & Retirement modules in developing custom screens using **ReactJS** **framework**.
* Analyze and resolve conflicts related to merging of source code for **GIT**. Worked on **RESTful** **APIs** for HTTP requests between client and server. Implemented **data** integration to backend database by using **ORM** tool **Hibernate**.
* Employed **Spring** **Boot** for initialize and bootstrapping the build configuration for the **boot** based **web** applications.
* Extensively Used **Jenkins** as Continuous Integration tools to deploy the **Spring** **Boot** **Microservices** to **Pivotal** **Cloud** **Foundry** (PCF) using build pack. Developed different join strategies with **Hibernate** to improve performance while retrieving collection items. Frontend dependency management was resolved through **NodeJS**.

**Environment:** Java, J2EE, Servlets, JSP, JDBC, JNDI, JAX-WS, SOAP