

VIKRAM RAJIREDDY

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Experience of **7+ Years** in Design, Analysis, Development, Integration, Implementation, and Maintenance of Enterprise Applications using Java/J2EE technologies in Banking, Insurance, and financial domains.

PROFESSIONAL SUMMARY:

- Well versed with **AGILE/Waterfall** methodologies and experience in Iterative development, Continuous Design, Refactoring, Continuous Integration and Test-driven development.
- Proficient in developing front-end systems with **HTML5, CSS3, jQuery, Bootstrap**.
- Strong front-end **UI** development skills using scripting languages like **JavaScript, AJAX, JSON, Ext Js, DOM, JSP, JQuery Plug-ins**.
- Good Expertise in analyzing the **Document Object Model (DOM)** Layout, DOM Functions, and Java Script functions, Cascading Styles across cross-browser using Developer Tool Bar.
- Hands on Experience on **Angular** technology for one complete project in rebasing the UI of the application using the techniques in **Angular**.
- Expertise in using **Angular** Directives, Controllers, Filters, Services, Templates, Events and Injectors.
- Experienced in **React-JS** and working with React flux architecture, Redux architecture using complex Object Oriented concepts in improving the performance of the websites.
- Good Experience in **React.JS** for creating interactive UI's using One-way data flow, Virtual DOM, JSX, React Native concepts.
- Good command and knowledge in working with **core java concepts** like Collection frameworks, Interfaces, Synchronization, Serialization, Thread pools, Externalization, Generics and Annotations.
- Good working experience with **Java 8** features like Lambda Expressions, Streams API, Date Time API, Default and Static methods in Functional Interfaces.
- Knowledge in developing applications using **Java/J2EE** technologies Hibernate, Servlets, JSP, AJAX, JDBC, Swing, Struts, XML, Web Services, JMS.
- Experience in implementing and deploying **Java EE** design patterns such as **MVC, Singleton, Factory, DAO, DTO** and **Business Delegate** in the development of Multi-Tier distributed Enterprise Applications.
- Experience on Spring Framework – **Spring Core, Spring DAO, Spring IOC, Spring MVC, Spring ORM, Spring AOP, Spring Boot, Spring Web flow** and hands on experience in working with **Spring Batch** for monitoring, logging into the application, tracing, application support, transaction and resource management.
- Proficiency in developing Model View Controller (**MVC**) Architecture based applications using Struts and Spring Frameworks.
- Experience in developing **Micro Services** using spring framework.

- Knowledge in Middleware persistence frameworks like **Hibernate/JPA 2.1** Entities for mapping Java classes using **Hibernate Query Language (HQL)**, **HSQL Named Queries**, **Criteria**, **Projections**.
- Implemented Spring Core Annotations for Dependency Injection Spring DI and Spring MVC for REST APIs and **Spring Boot** for micro-services.
- Good Knowledge in XML technologies including **XML**, (**DOM**, **SAX**), **SOAP**, **WSDL**, Web Services using **AXIS**.
- Experience in developing **RESTful Web Services** using **spring framework**, **POSTMAN** for testing the same.
- Experience in configuration and deployment of multi-tier applications using different web servers like **Apache Tomcat**, **WebSphere Server**.
- Experienced in working with databases like **Oracle 10/11g**, **SQL Server**, **MySQL**, **DB2**, and **NOSQL Databases**.
- Implemented migrations from **SQL** to **NoSQL databases** such as **MongoDB**.
- Good experience on CI/CD using **ANT** and **Jenkins** on **WebSphere**, **WebLogic** and **Tomcat**.
- Good experience on working with **Amazon Web Services** like **EC2**, **S3**, **Amazon Simple DB**, **Amazon RDS**, **Amazon Elastic Load Balancing**.
- Experience in using different version controlling/tracking systems **Subversion**, **CVS**, **GIT**.
- Proficient with container systems like **Docker** and container orchestration like **EC2 Container Service**, **Kubernetes**.
- Implemented **Kubernetes** to orchestrate the deployment, scaling and management of docker container.
- Built and Deployed applications using **Apache framework tools** such as **Maven**, **ANT**.
- Having knowledge on Java Message Service (**JMS**) MQ's like **Apache Kafka**, **Rabbit MQ**.
- Experience in developing and utilizing **JAR**, **WAR**, **EAR** files with building tools like **Maven**, **ANT**.
- Worked with **Log4j** for logging and used **JUnit** and **Mockito** for unit testing and integration testing.

TECHNICAL DETAILS:

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|-------------------------------|--|
| Java/J2EE Technologies | Servlets, JSP, JDBC, MVC, ANT, MAVEN, Log4j, XML, DOM, JUNIT, Web services (REST/SOAP) |
| Languages | Java SE 6/7/8, Java 1.6/1.7/1.8/J2EE, SQL |
| Design Tools | Star UML, Enterprise Architect |
| Web Technologies | HTML, JavaScript, CSS, XML, Angular, Node, React, JQuery, AJAX |
| Frameworks | Bootstrap, Struts, Spring, Spring-Data, Spring JDBC, Hibernate, JPA, Spring Core, Spring ORM, Spring MVC, Spring AOP, Spring DAO, Spring IOC, Spring Boot, Spring Batch, Angular |

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|--------------------------------|------------------------------------|
| Web/Application Servers | WebSphere, Apache Tomcat, WebLogic |
| Testing | Junit, SOAP UI, POSTMAN |
| Version Control Tools | GIT, CVS |
| Build Tools | Ant, Maven |
| Methodologies | Agile (Scrum), Waterfall, TDD |
| Database Environments | Oracle, MySQL, MongoDB |
| Operating Systems | Windows, Mac, Linux and UNIX |

Professional Experience:

Client: Charter Communications

Jan 2022 - Present

Role: Full Stack Developer

Responsibilities:

- Planning, analysis, design and implementation of different modules using **Agile** (Scrum) Methodology.
- Involved in Construction of UI using **HTML, JSP, CSS, Bootstrap, jQuery**, and **JavaScript**.
- Developed Single page application and structured the **JavaScript** code using **React**.
- Implemented various **React** custom directives and developed reusable components and templates that can be re-used at various places in the application.
- Developed user interface by using the **React JS, Flux** for SPA development.
- Implemented **Redux** to resolve the application's global state management, especially for user login status.
- Implemented **Axios** for HTTP requests and attached Bearer token for secure usage of API.
- Build the application based on new features of **Java JDK 1.8** features at service layer level.
- Designed and developed business components using **Spring Boot, Spring Dependency Injection (Core), Spring AOP**, and **Spring Annotations**.
- Refactored existing monolithic application by identifying components that needs to be transformed to Micro-services architecture, with **Spring Boot** based services interacting through a combination of **REST, RabbitMQ** and AWS API-Gateway.

- Implemented **Spring MVC framework** to better control the presentation, business and navigational aspects of the applications.
- Configured and implemented Spring Application Context to instantiate all bean classes in **Spring MVC application framework**.
- Implemented **Micro service** architecture with **Spring Boot** based services interacting through a combination of **REST** and **Apache Kafka** message brokers.
- Modified existing and created new **Hibernate** objects-based Queries for data storage, retrieval, tuning and mapping.
- Implemented **Hibernate** object relational data mapping framework to persist and retrieve the data from database..
- Designed and Developed Module based persistence layer under the guidance of DAO design pattern, ORM/JPA principles, using **Hibernate**.
- Designed and developed **Micro Services** business components and **RESTful** service endpoints using Spring core. And converted a monolithic app to **microservices** architecture using Spring Boot using 12-factor app methodology.
- Consumed Web Services to interact with other external interfaces in order to exchange the data in the of **XML** and by using **SOAP**.
- Developed **Restful web services** for produce and consumed the services by making Web Service calls to remote services in different applications in order to get the patients information and their claim numbers etc..
- Experience in testing SOAP Web Services with SOAP UI.
- Created and managed the messages asynchronously by creating queues on **Rabbit MQ** server and also involved in implementing the client layer using Spring AMQP framework to consume messages.
- Packaged and deployed the application in **IBM WebSphere Application** server in different environments like Development, testing etc.
- Built **NoSQL** schemas to store document and maintaining sessions in **MongoDB**.
- Triggered the jobs in **Jenkins** for continuous integration and continuous deployments (**CI/CD**).
- Worked on **AWS SDK** for connection to **Amazon S3 buckets** and **EC2** to deploy **Docker** container with **Microservices** architecture.
- Analyze and resolve conflicts related to merging of source code for **GIT** .
- Experienced testing the Restful Web services using **POSTMAN**.
- **Log4J** is used for Logging Errors, Exceptions throughout the project and **JIRA** for bug tracking tool.

Client: Bharti AXA Life Insurance Co. Ltd, Maharashtra, India

Mar 2019 - Dec 2021

Role: Full Stack Developer

Responsibilities:

- Involved in multi-project development, maintenance and release processes of the **Software development life cycle (SDLC)**.
- Extensive experience in using **JSON, XML, WSDL, HTML** and **DHTML**.
- Implemented web applications with **Angular** while using **TypeScript** for notification management and delivery.
- Created **TypeScript** reusable components and services to consume **REST API's** using component-based architecture provided by **Angular**. Developed application to assess **JSON** and **XML** from **RESTful** web services using **jQuery** and **Angular** to fetch response data on user request.
- Implemented **Angular** Router to enable navigation from one view to the next as customer performs application tasks.
- Implemented **Angular** for Client-side validations while rendering JSON validation errors in the backend.
- Created **Angular** components, implemented interpolation, input variables, Bootstrapping, Router Outlet, binding the events, decorators.
- Implemented Two-way data-binding in **Angular** which helps the application handle the automatic synchronization of data between the model and view components using **Typescript** and **Angular**.
- Involved in developing Dynamic Single Page Application using **MEAN (Mongo, Express, Angular and Node JS)** Full Stack development.
- Implemented **Java 8** features like Lambda Expressions, Stream API's, creating resource classes, fetching documents from database and **Core Java** API's, Collections, Threading, Exceptions and Interfaces to develop java applications.
- Implemented **Java 8**, Lambda expressions (for code optimization and improved performance).
- **JSON Web Token (JWT)**, an environment based token, was used to secure the exposed services.
- Worked with **Express JS** which is fast and essential web framework of **Node JS** that helps manage a server and routes.
- Implemented **Spring** Features like **Spring MVC, Spring DAO, Spring Boot, and Spring Batch**.
- Implemented **Spring Boot** controllers, components, and services to read/write data to/from **SQL** and **DB2** data sources. Implemented user authority management with **Spring Security**.
- Executed **Spring MVC** transaction Management, Spring/Hibernate Batch Transactions & Hibernate cache concepts.
- Implemented **Spring Boot Micro Services** to divide the application into various sub modules.

- Executed **micro-services** architecture with spring based services to integrate user libraries in the application.
- Experienced in development and implementation of **Hibernate** with Spring Data Access. Extensively used **Hibernate** concepts such as inheritance, lazy loading, dirty checking, locking, and transactions.
- Implemented **Spring Framework** for Authentication and Authorization along with **Hibernate Tool** for supporting **ORM** components. Developed the persistence layer using **Hibernate Framework**, created the **POJO** objects and mapped using **Hibernate annotations** and **Transaction Management**.
- Handled response data from **RESTFUL** Webservices using **XML**, **JSON** and **JQuery** to update **UI** Interacted with java controllers. Converted **EJB's** to **RESTful** web services using **spring boot**.
- Developed **REST Web services** to make web service calls simple and easy for the client to access it with the help of standard **HTTP** Urls.
- Developed reusable and interoperable web service modules based on service-oriented architecture (**SOA**) by using **SOAP** and **RESTful** services. Created **GET/PUT** request and response using **RESTFUL** web services.
- Experienced in deploying applications on **Apache Tomcat**, **WebLogic** and **Apache** servers.
- Designed various tables required for the project in **Oracle database**, using Stored Procedures, Triggers and Functions on **SQL Server** as well as **PL/SQL** on **Oracle** to support both databases for the application.
- Worked on **Oracle** as the backend database and integrated with spring to retrieve Data Access Objects.
- Designed, Configured and deployed **Amazon Web Services (AWS)** for a multitude of applications utilizing the **Amazon cloud formation**.
- Experienced in setting up **Amazon EC2** instances, and security groups. Setting up databases in **AWS** using **RDS**, storage using **S3** bucket and configuring instance backups to **S3** bucket.
- Experienced in build automation using **ANT**, **Maven**, **Jenkins**.
- Involved in the process of converting the deployment to Jenkins based continuous build, while integrating with **TFS-Git** and **CVS** source controllers.
- Experience with container-based deployments using **Docker**, working with Docker images, Docker Hub and Docker-registries and **Kubernetes**.
- Containerized microservices using **Docker** and Docker Hub.
- Extensively used **Junit/Mockito** and developed Junit tests classes.
- Extensively used **Log4j** for logging throughout the application.

Client: Bajaj Finserv Ltd, Pune, India

June 2017 - Feb 2019

Role: Java Developer

Responsibilities:

- Created webpages pages using **HTML5**, **CSS3**, **JavaScript**, and **AJAX** to create interactive

front-end GUI.

- Developed source code to consume **JSON** response received through **XHR/AJAX** calls using **JQuery. Ajax** calls.
- Expert in Utilizing **Angular** dependency injection to inject different Services including inner Services and custom Services and create some custom directives to do some reusable component.
- Executed **Angular** \$http service to interact with **RESTful** web services and **JSON** to manage consumer's information such as updating, replacing or cancelling orders for consumers.
- Implemented **Java 8** features lambdas and **stream API** with collections.
- Developed complex **Multithreaded** Java applications for processing large volumes of data to achieve Multitasking.
- Responsible for implementation of java integration components for **JBPM**.
- Involved in component development using J2EE principles and used design patterns such as **Singleton, Factory and Data Access Object (DAO)** in the implementation of the application.
- Implemented the application using **Spring IOC, Spring MVC Framework, Spring AOP, Spring Boot, Spring Batch, and Spring Cloud Data Flow** and handled the security using **Spring Security**.
- Designed and developed the End Points (Controllers), Business Layer, DAO Layer using Hibernate/JDBC template, **Spring IOC** (Loose coupling between layers) and published cross cutting concerns like Logging, User Interface exceptions, Transactions using **Spring AOP**.
- Involved in batch processing using **Spring Batch** framework to extract data from database and load into corresponding App tables.
- Responsible for developing the sequential and conditional **batch jobs** using the **spring batch** framework.
- **Spring MVC** model integration for front-end request action controller.
- Implemented **Spring Security** for Authentication and Authorization of the product application for login security for everyone.
- Integrated **Spring DAO** for data access using **Hibernate**.
- Implemented persistence framework using **Hibernate** & Handled Transaction Management using the provided data source.
- Implemented **Microservices** Architecture, with **Spring Boot**-based services interacting through a combination of **REST** and **SOAP**.
- Participated in object-oriented design, development and testing of **REST APIs** using Java.
- Implemented **Swagger** specification for documenting **REST API's**, which exposes description of a **RESTFUL web- services** to different clients.
- Implemented Restful web services using **JAX-RS** annotations, **Jersey** as provider and implemented security using **Oath**.
- Developed **SQL** Functions and procedures to interact with **SQL server**.
- Worked on Query writing on **MYSQL DB**.
- Worked with **Web Sphere application** server that handles various requests from Client and used **Jenkins** to perform continuous Integration.
- Worked on setting up **Maven** scripts to build, package, and deploy application code to the target **Web Sphere Servers** and worked on continuous integration servers like **Jenkins**.
- Worked on building & deploying Java code through Jenkins, used Jenkins **Amazon Web**

- **Services (AWS)** Code Deploy plugin to deploy to AWS and worked AWS Cloud management.
- Developed unit test cases using **Junit** framework for testing accuracy of code and logging with **Log4j**.
- Worked with **Source Tree** version control tool for pulling and pushing the code changes and solved merge issue.

Client: IndusInd Bank, Mumbai, India

Dec 2015 – May 2017

Role: Java Developer

Responsibilities:

- Actively involved in requirement gathering and also came up with proof of concepts (**POC**) for various scenarios.
- Building architecture design documents from business requirements, and overseeing the development, code quality and security of the application throughout the project life-cycle.
- Involved in designing and implementation of end to end application flow (UI, Service, Application or business and persistence layers) for multiple modules.
- Hands-on experience in creating and consuming **RESTful Services** using **Angular**.
- Implemented service layer offering JSON or XML data through **RESTful services** using CXF.
- Involved in integration of components that form core group by exposing services for legacy modules and implementing new services with CXF.
- Involved in UI development for various modules with **Spring MVC** combined with **Angular** and HTML.
- Extensively used Spring components and concepts like **Aspect Oriented programming, Transaction Management, Dependency Injection, DOA** and **MVC**.
- Implemented mapping JAXB Objects to Business/Domain Objects.
- Implemented **Spring JDBC** as ORM tool in persistence and developed POJO's and Data Access Object (DAO) to handle all database operations.
- Configured and created **RESTFUL web services** from scratch.
- Tested the **RESTFUL** web services using POSTMAN and REST Client.
- Closely worked and supported the creation of database schema objects (tables, stored procedures and triggers) using **Oracle SQL**.
- Used **Jenkins** as a continuous integration tool for the GIT version control setup.
- Worked with **GitHub** as version control and streamlined the code check-in process by implementing continuous build, continuous Integration/deployment using **Maven** build scripts.
- Involved in coding common logging service using **Log4j** to log the information, to track the problem during production support.