

Rama R

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Professional Summary:

- Over 7 years of IT experience as a **JAVA/J2EE** developer in the areas of Analysis, Design, Development, Coding, Implementation and Testing of web based and client server multi-tier applications.
- Expert level skills in application development using **Java, J2EE, Spring Framework, Hibernate, JSP, JPA, Servlets, JDBC, HTML, JavaScript, J2EE** compliant application servers, **multi-threading, OOAD** concepts, client/server, design patterns of J2EE architecture.
- Good experience working on different levels of Software Development Life Cycle (**SDLC**) and **Agile** Methodologies.
- Expertise in development and deployment of web components that include **Servlets, JSP** and business layer components that include **EJB, Web Services, JDBC, JMS, Serialization, Collections API**.
- Experience working in environments using **Agile (SCRUM)** and **Test-Driven development (TDD)** methodologies.
- Extensive experience on developing web applications using **Spring Boot, Spring Security, Spring Core, Spring MVC, Spring AOP, Spring Actuator, Spring ORM, Spring JPA and Spring REST**.
- Extensive experience in developing **Microservices** using **Spring Boot, Netflix OSS (Zuul, Eureka, Ribbon, Hystrix)** and followed domain driven design.
- Expertise in developing **J2EE** applications using J2EE components, Design Patterns like **Singleton, Prototype, Session Facade, Builder, Front Controller, Data Access Object**.
- Proficient in creating and consuming **SOAP** and **RESTful web services** in **Spring Boot** using **JAX-WS, JAX-RS, and Spring Rest Controller**.
- Experience in designing, deploying, developing Web Services with **SOAP** and implementing the internet/intranet applications.
- Experience in database development and implementation using different **RDBMS** such as **Microsoft SQL Server, ORACLE, MySQL, PostgreSQL and DB2** and **NoSQL** databases such as **MongoDB, Cassandra**.
- Experience working with **JPA, Hibernate, EclipseLink, Spring Data JPA, Spring JDBC, Spring Data Rest** for object relational mapping and data persistence.
- Skilled in developing User Interfaces using **JSP, HTML5, CSS3, JavaScript, jQuery, Bootstrap, Ajax, AngularJS, Angular, ReactJS** framework.
- Hands on experience using **CSS Media Queries, Bootstrap, JSTL specifications** and developing Responsive Web Design pattern web pages.
- Strong experience in **XML, XSD, XPATH, XSLT** in generating dynamic web content using **XSL** for formatting.
- Experienced in developing UML diagrams like use cases, class diagrams and sequence diagrams using Rational Rose.
- Implemented **OAuth2.0** for authentication-based web application and accessed their APIs for fetching data services.
- Have experience in Design, Development and Deployment of **Java/J2EE** web components on servers like **Apache Tomcat, JBoss, IBM WebSphere and WebLogic**.
- Hands-on experience in using message brokers such as **ActiveMQ, RabbitMQ and Apache Kafka**.
- Experience in using build/deploy tools such as **Jenkins, Docker and AWS** for Continuous Integration & Deployment for Microservices.
- Good experience on working with Amazon Web Services like **EC2, S3, Amazon Simple DB, Amazon RDS, Amazon Elastic Load Balancing, Amazon SQS, AWS Identity and access management, AWS Cloud Watch, Amazon EBS and Amazon Cloud Front**.
- Experience in writing **ANT, Gradle, Maven** and **Jenkins** build scripts, writing unit test cases using **JUnit, Mockito, Easy Mock, TestNG** and used **Log4j, Slf4j, Log InSight** for bug tracking.
- Used **Cucumber** for services automation and created the Feature Files for **Cucumber** Automation.
- Experience in working with frontend testing tools like **Karma, Jasmine, Chai, and Jest**.
- Experienced in using **Version Control Tools** such as **Git, Subversion, CVS, and Clear Case**.
- Strong analytical, interpersonal and communications skills. Demonstrated track record of analyzing situations, implementing in a fast-paced environment.
- Fast learner, good at team work and ability to adopt new technology.

Technical Skills:

Languages	C, C++, JAVA, J2EE, SQL, PL/SQL
Java Technologies	Servlets, JSP, JPA, EJB, JMS, JSF, Java Beans, Struts, Spring, Spring Boot, RMI, Multi-threading, REST, SOAP, Log4j, Slf4j, Log InSight, Ant, Gradle, Maven, Applets. ActiveMQ, RabbitMQ, Apache Kafka.
Web Technologies	HTML5, CSS3, JavaScript, jQuery, Ajax, Angular JS, Angular, TypeScript, React JS.
Databases	Oracle, My SQL, SQL Server, DB2, PostgreSQL, MongoDB, Cassandra
ORM Frameworks	JPA, Hibernate, EclipseLink, Spring Data JPA, Spring JDBC, Spring Data Rest
Web Servers	Apache Tomcat, IBM WebSphere, WebLogic and JBoss
Testing Frameworks	JUnit, Mockito, Easy Mock, TestNG, Karma, Jasmine, Jest, Chai, Cucumber
Web Services	SOA, SOAP, RESTFUL, JAX-WS, JAX-RS, XML Beans and Axis
Version Control Tools	Git, Subversion, CVS, and Clear Case
Methodologies	Agile, Scrum, TDD, OOAD, SDLC
Cloud Technologies	Jenkins, Docker, AWS

T-Mobile, Atlanta, GA
Full Stack Developer

Jan 2019 - present

Responsibilities:

- Involved in Requirements gathering, Analysis, Design, Development and Testing of application using **AGILE** methodology (**SCRUM**) in a **Test-driven Development** (TDD) approach.
- Worked on a **SAFE AGILE** based methodology which brings new approaches and changes to the team every **PI**.
- Developed and designed the web interface using **HTML5, CSS3, JavaScript, jQuery, ReactJS**, and **Bootstrap**.
- Built the reusable service components using **ReactJS** Components with **Object Oriented JavaScript, jQuery, HTML, CSS3** based on the visual designs.
- Developed various **ReactJS** components to help build the functionality and **UI** behavior using **JavaScript**.
- Worked with **UI** designers and User experience team to define screen designs. Developed angular partials based on **UI** screens.
- Actively involved in coding using **Java1.8, Spring 4.x** to develop features from end to end.
- Designed and implemented an application using **Spring Boot, Spring IOC**, Spring transactions, Dependency Injection, Spring Annotations, Spring AOP, Spring Actuator, Spring Container managed transactions, **Hibernate**.
- Used **Spring Security** for authentication and authorization of users, **Spring JDBC** for easy database operations using JDBC template, writing row mappers and **Spring Boot** easy bootstrap applications from scratch.
- Implemented the authentication and authorization of the application using **Spring Security** and **OAuth2**.
- Worked on **MongoDB** and wrote code on find, update, save, insert data.
- Worked on data extraction in loading **JSON** data from the server-side content into **MongoDB**.
- Implemented the function to send and receive AMQP messages on **RabbitMQ** synchronously and asynchronously and send JMS message to **Apache ActiveMQ** on the edge device.
- Implemented **Zipkins** for distributed Micro Service Monitoring.
- Integrated **Swagger UI** and wrote integration test along with **REST** document.
- Developed all **REST APIs** using **Hystrix** commands and **Feign** clients for efficient fault tolerance and handling fallback mechanisms.
- Worked with unit testing of **ReactJS** applications using **Jest** and Spring Boot applications using **JUnit, Mockito** and performed end to end testing using **Protractor**.
- Worked on **Jenkins** for the **Continuous integration** and **Continuous Deployment**.
- Worked on **AWS** Cloud watch and **AWS ALB** for Load balancing and worked on **ELB** for the performance testing by sending 5000 requests per minute.

- Utilized **AWS** Services platform to upload data into **AWS S3** buckets and creating **EC2** instances.
- Used **GitHub** to maintain the version of the files.

Environment: JAVA 8, J2EE, HTML5, CSS3, AWS, jQuery, Ajax, Rabbit MQ, JSON, ReactJS, Spring Boot 2, Spring Hibernate 4.0, Swagger UI, Docker, Microservices, ActiveMQ, RabbitMQ, Spring Security, OAuth2, Bootstrap, RESTful web services, Web Sphere, SonarQube, Redux, Jenkins, Agile/Scrum Methodology, Maven, JIRA, JBoss, JUnit, Mockito, Jest, Protractor, Hystrix, Zipkins, TDD, MongoDB, Git, XML, LESS, Webpack, AXIOS

Ally Financial, Troy, Michigan
Full Stack Developer

Sep 2017 – Nov 2018

Responsibilities:

- Involved in Requirements gathering, Analysis, Design, Development and Testing of application using **AGILE** methodology (**SCRUM**) in a test-driven development (**TDD**) approach.
- Developed and designed the web interface using **HTML5, CSS3, JavaScript, jQuery, Angular 2** and **Bootstrap**.
- Built Components using **Angular 2** and worked on Angular directives. Implemented lazy loading and Dynamic loading in the Angular routers. Worked on Typescript for building the code.
- Implemented **HTTP** requests using **RxJS Observable** library to handle multiple values over time.
- Developed prototype and project layout skeletons using **Angular 2, jQuery, HTML5, and CSS3**.
- Used various **jQuery** and **Bootstrap** plug-in like date picker, Bootstrap selectors.
- Implemented **Microservices** into existing system architecture. Developed **Microservices** business components and **RESTful** service endpoints using **Spring Boot**.
- Developed multiple enterprise applications using **Spring Boot, Hibernate framework, Spring IOC, Spring MVC, Spring JDBC, Spring Annotations, Spring AOP, Spring Integration, frameworks, RESTful webservice**.
- Implemented authentication and authorization for the application using **Spring Security and OAuth2**.
- Worked on **Java 8 Lambda** expressions and Pipelines, Streams.
- Implemented **Spring IOC** for Dependency Injection and to make the code loosely coupled and **Spring AOP** for logging purposes.
- Implemented **SOAP** based **JAX-WS Web services** interfaces for integrating multiple systems, code re-usability and consumed JMeter to test performance of **SOAP** protocol.
- Implemented RESTful web services which produces both **XML** and **JSON** files to perform tasks, **RESTful** web service using Jersey for **JAX-RS** implementation, which leveraged both web & mobile applications.
- Worked on creating, retrieving, updating, and deleting documents in **MongoDB**.
- Configured **JMS** server setup, DB connection setup & deployed Returned items in Web Sphere Server.
- Setup the **Continuous Integration (CI) & Continuous Development (CD)** for the application using Jenkins.
- Worked on **Jenkins** for continuous integration with **Gradle** and **GitHub**.
- Used **Log4j** for validate functionalities and **JUnit** for unit testing.
- Implemented configured **JIRA** issue tracking software with **Agile** plug-in across all the company functions.
- Used **IntelliJ** IDEA IDE tool for application development.

Environment: Java 1.8, J2EE, HTML5, CSS3, JavaScript, jQuery, Angular 2, TypeScript, Bootstrap, Spring Boot, Spring IOC, Spring MVC, Log4j, SOAP, RESTful, Microservice Architecture, XML, AWS, Mongo DB, CI/CD, Maven, IntelliJ IDE, JUnit, JMS, UNIX, Jenkins, JIRA, Log4j, Git.

Premier INC, Charlotte, NC
Web Application Developer

April 2016 - July 2017

Responsibilities:

- Provided technical guidance to business analysts, gather the requirements, and convert them into technical specifications/artifacts.
- Configured spring to manage Actions as beans and set their dependencies in a context file and integrated middle tier with **Hibernate**.
- Designed and Developed **UI** using **Angular.JS, HTML, CSS, Bootstrap, JavaScript, and jQuery**.

- Utilized **Angular.JS** framework to bind **HTML** template (views) to **JavaScript object** (models).
- Created Custom Directives in **Angular.JS**, making use of Modules and Filters objects according to the application requirement.
- Developed views using **Bootstrap** components, **Angular-UI** and involved in configuring routing for various modules using angular **UI** router.
- Implemented **Spring MVC** architecture and increased modularity by allowing the separation of cross-cutting concerns using **Spring AOP**.
- Deployed flow of Execution in the Servlet Environment using **Spring MVC** and defined Navigation Rules.
- Used **Spring Security** for Authentication and authorization.
- Used **Spring Core** for dependency injection/Inversion of control (IOC).
- Used **Hibernate Framework** for persistence onto **Oracle** database.
- Wrote **JavaScript** validations to validate the fields of the user registration screen and login screen.
- Designed a network of web pages, where the user progresses through an application by selecting links, resulting in the next page being transferred to the user and rendered for their use using **REST**.
- Developed high-performance web applications using spring and **XML Http Request**.
- Configured **JDBC** in the application server.
- Extensively worked on writing complex **PL/SQL** Queries using joins, stored procedures, Functions, Triggers, Views, Cursors, Materialized Views, dB links, External views, indexes in Oracle DB&SQL tuning to reduce time in the application.
- Involved in debugging the product using **Eclipse** and **JIRA Bug Tracking**.
- Converted and automated builds using **Maven** and **Make**. Scheduled automated nightly builds using **Jenkins**.
- Test automation for web application using **Cucumber**.
- Configured and used WebLogic content management to display content in view components.

Environment: Java, JEE, Servlets, JMS, Hibernate, Spring, Web services, REST, UML, HTML, Bootstrap, JavaScript, jQuery, Maven, Make, PL/SQL, Bootstrap, Angular Js, Spring Security, Spring Data , Microservices, REST, Hibernate, Oracle, XML, XSD, Log4j, Oracle, PL/SQL, JUnit, AJAX, Jenkins, CSS, JSP, JNDI, JIRA, Cucumber.

HCL Technologies, Hyderabad, India
Software Engineer

June 2014- Feb 2016

Responsibilities:

- Involved in various phases of **Software Development Life Cycle** (SDLC) of the application like Requirement gathering, Design, Analysis and Code development.
- **Agile** Methodology is used for development of the application.
- Used **J2EE** design patterns like Value Object Pattern, service locator, and session façade, Singleton, Factory and **DAO**.
- Implemented Struts Dispatch Action class and form bean classes using **Struts** framework.
- Client & server validations were handled using **JavaScript & Struts** validate plug-in.
- Struts Tiles Framework is implemented for a common look in all the presentation views.
- Integrated **Struts MVC** with **Spring DI** and **Spring Hibernate DAO**.
- **EJB Session Beans** were used to process requests from the user interface and **CMP** entity beans were used to interact with the persistence layer.
- Involved in writing **XML** validation classes using **Struts** validation framework.
- Designed the user interfaces using **JSPs, AJAX** and **Struts Tags**.
- Used **XML** Web Services using **SOAP** to register agents using non-java application.
- Used **JMS** for the asynchronous exchange of critical data and events among **J2EE** components.
- Used **IBM** WebSphere Application Server to deploy the application.
- Developed **JUnit** test cases for **DAO** and Service Layer methods.
- Experience in writing shell and **Perl** scripts for database connectivity and to retrieve data from different sources.
- Used **Log4J** to capture the log that includes runtime exceptions.
- Developed the **ANT** scripts for preparing WAR files used to deploy **J2EE** components.
- Interacted with quality assurance team for requirements gathering and analysis.

Environment: Core Java, J2EE, JSP, Struts, Spring, OOAD, Oracle, HTML, EJB3, AJAX, Perl, JMS, XML, Design Patterns, ANT, Rationale Rose, IBM RAD IDE, IBM WebSphere Application, Log4j.

GGK Technologies, Hyderabad, India
Junior Software Engineer

June 2012- April 2014

Responsibilities:

- Participated in the requirements analysis and technical assessments.
- Used **Struts** framework and **J2EE** components to develop Action classes, backend processes, complex reports, and database interaction, Configured and worked with **Apache Tomcat Server**.
- Designed and developed data persistence mechanism using Hibernate in **Struts MVC** applications.
- Created SQL's from views and queries to interact with multiple systems for data.
- Develop Web pages using **JSP, CSS, Ajax, JavaScript, jQuery, JSF and XML** that interact based on events.
- Developed **PL/SQL** stored procedures to retrieve data.
- Developed **JUnit** test cases to unit test the business logic and involved in testing the application in the integration environment.
- Involved in project documentation, status reporting and presentation.
- Implemented **Log4J** for the debug and error logging purpose.
- Used **RAD IDE** based on **Eclipse** for writing code for **JSP, Action Classes, Struts**.
- Involved in writing **DAO, DTO's** using **Hibernate DAO** Support.
- Implemented persistence layer using **Hibernate** that uses the **POJOs** (which do not have the business processes) to represent the persistence database tuples.

Environment: Java/J2EE, JDK 6, JSP, Struts 2.0, Apache Tomcat 6, JMS, Oracle 9i, JavaScript, XML, HTML 4, AJAX, JavaScript, jQuery 1.1, JUnit 2.5, Unix/Linux, Log4J and Ant