



PRASHANTH KODAKANDLA

JAVA Full Stack Developer

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Professional Summary:

- 8 years of experience in design, development and integration of software applications and framework design using object-oriented and enterprise technologies in Agile working environment.
- Strong working knowledge in Spring Core, Spring ORM, Spring DAO, Spring MVC Spring and Spring JDBC architectures.
- Strong understating in Core-Java with strong understanding of OOPS Concepts, Collections, Exception handling, Multithreading/Concurrency and Garbage collection.
- Strong working knowledge in Spring Core, Spring ORM, Spring DAO, and Spring MVC Spring, Spring JDBC architectures.
- Good Experience in Hibernate, Mybatis, JPA, Spring JDBC, Spring ORM and Spring Data JPA.
- Good exposure in AWS Developer tools such as S3, EC2, Lambda, Cloud Watch and IAM.
- Good experience in development of Microservices.
- Experience in Front end technologies Angular, JavaScript, and Type Script.
- Developed UI pages with HTML5, CSS3, JavaScript, jQuery, and used Bootstrap for creating Responsive Web pages.
- Good Experience in developing Web Services like SOAP and REST.
- Experience in using Design Patterns such as Singleton, Factory, Builder, Façade and Prototype.
- Experience in Testing Frameworks like Junit and Mockito.
- Expertise in designing and coding stored procedures, functions, triggers, packages using SQL, MySQL, and PL/SQL with tuning concepts.
- Experienced in Test Driven Development and used JIRA for Change tracking, Bug Fixing, Life cycle traceability and for control of software development life cycle.
- Experienced in React.js for creating interactive UI's using One-way data flow, Virtual DOM, JSX, React Native concepts.
- Experienced in React JS and working with React Flux architecture using complex Object-Oriented concepts in improving the performance of the websites.
- Implemented security to Rest API's using OAUTH2.0
- Experience in Hibernate to store the persistent data as an Object-Relational Mapping (ORM) tool for communicating with database.
- Proficient in using React JS with libraries like Redux, Redux-Saga, Axios and React Router.
- Experience in shell scripts with UNIX platform.
- Highly self-motivated with strong analytical, communication and problem-solving skills, excellent team player and ability to deliver under critical situations.
- Good experience with developing Spring Batch applications and deploying them over cloud and triggering them based on event based and time based.
- Experienced with NoSQL databases like MongoDB and Cassandra.
- Basic understating in deploying the applications using Docker container services and building continuous integration and deployment pipeline using Jenkins with GitHub.
- Good experience with project management tools like JIRA and Radar.
- Experience in Spring modules like – Spring MVC, Spring ORM, Spring DAO, Spring security.
- Good knowledge on Tomcat web container and IBM Web Sphere.
- Good at Unix commands.

- Experience in Version Control tools like Git, Bitbucket and GitLab.

Education

- Bachelor of Technology in Computer Science and Engineering, JNTU, India
- Masters in computer and Information Science, Southern Arkansas University, AR

Technical Skills

Java/J2EE	Spring, Spring Boot, Hibernate, JDBC, JSP and Servlets.
Languages	Java1.8, JavaScript, Typescript and SQL.
Servers	Apache Tomcat and IBM Web sphere.
Frameworks	Spring, Spring Boot, Hibernate and Struts.
Web technologies	HTML5, CSS3, Bootstarp4, Angular and React
IDE's	Eclipse, IntelliJ, Spring Tool Suite and Visual Studio Code.
Methodologies	Agile, TDD and Waterfall model
Testing tools	JUnit, Mockito and Selenium.
Database Servers	Oracle, MySQL and MongoDB
Version Control	GitHub, Bit Bucket.
Build Tools	Maven and Gradle.
Cloud	Amazon Webservices (AWS).

Professional Experience

Accenture Federal Services Group, Sunnyvale, CA Feb 2023 – Present

Role: Java Full Stack Developer

Description: The project primary focus on guarantying loan to a veteran based on eligibility, then on reviewing the issued loan, marinating the stake holder's information, maintaining foreclosed properties.

Responsibilities:

- Involved in SDLC requirements gathering, analysis, design, development and testing of application, developed using Agile methodology.
- Developed Microservice based application using Spring Boot as back end, React as front end and Oracle DB.
- Worked on React Redux, props, state, keys, ref, events, default props and prototypes.
- Consumed Rest based Microservices with Rest template based on Restful API's.
- Developed responsive user interface using HTML5, CSS3, Bootstrap8 and React JS.
- Secured the application by implementing Oauth2.0 level authentication for the REST.
- Used Hibernate framework in the persistence layer for mapping an object-oriented domain model to a relational database.
- Designed and developed the REST based Microservices using the Spring boot, Spring data JPA.
- Extensively used the advanced features of PL/SQL like Records, Tables, Object types and Dynamic SQL.
- Hands on experience in setting up databases in AWS, storage using S3 bucket and configuring instance backups to S3 to ensure fault tolerance and high availability.
- Worked on Hibernate as a persistent layer by mapping to the tables.
- Involved in application development using Spring Boot & React JS to develop and deploy an application on AWS cloud.
- Developed Entity objects and used Hibernate as ORM tool to access persistent data form Oracle.
- Used Hibernate in DAO later to access the updated information in the database.
- Customizing Restful web services using Spring Restful API, sending JSON format data between front-end and middle-tier controller developed and maintained functions, procedures, triggers, indexes using Oracle database programming.
- Implemented React container and presentational components (as Stateless and Functional components

when applicable).

- Documented Spring Rest API web services using Swagger.
- Developed Microservices with Spring to retrieve API routes for the entire cluster. Using this strategy each Microservices in a cluster can be load balanced and exposed through one API gateway
- Implemented Spring boot Actuator.
- Designed, built and deployed application using the AWS stack(EC2, Docker, Kubernetes, Jenkins) focusing on high-availability, fault tolerance and auto-scaling.
- Wrote test cases using Junit and Mockito.
- Used Maven as a build tool for building and defining dependencies of the project.

Environment: Java 1.8, HTML5, CSS3, React JS, JavaScript, Spring Boot, OAuth 2.0, MongoDB, Bootstrap3, Junit 4, MongoDB, Maven, Microservices, SQL, Hibernate, Agile, JPA, Oracle, Git, Spring, Spring MVC, JavaScript, AWS, Junit, Jenkins, Splunk, Mockito.

Apple, Sunnyvale, CA, Apr 2019 – Dec 2022

Role: Java Developer.

Description: This application is an online order processing system for a refurbished apple device where user can place an order, trade-in an existing device and checkout. This application process huge amount of data.

Responsibilities:

- Application is developed using Agile Methodology, which includes iterative approach for application development, weekly sprints, stand up meetings, followed by JIRA for tracking processes and streamlining Agile planning.
- Worked on Core Java 8 features like Functional Interface , Lambda's, Streams including extensive knowledge with concurrency, multi-threading, exception handling, filters, and Generics.
- Developed story/task by following TDD/BDD and Pair programming concepts. Providing daily status in scrum meetings with the client. Mentored new team members on effective usage of blend of Spring Boot /JPA and Java.
- Created modular and reusable components with Angular Directives and Services.
- Implemented REST Microservices using spring boot. Generated Metrics with method level granularity and Persistence using Spring AOP and Spring Actuator.
- Designed and developed Restful API's using best practices to interact within the Microservices and with the front end using spring MVC and spring rest.
- Integrating with RESTful API's and other backend services to fetch and display data in Angular application
- Developed Oracle PL/SQL store procedures and functions to process information used to generate reports.
- Used Hibernate framework to take advantage of Object-relational mapping, Caching, Lazy Loading and relationship management Implemented Microservices Architecture, with Spring Boot-based services interacting through a combination of REST, SOAP.
- Utilized Amazon Web Services (AWS)EC2 to deploy Docker containers with Microservice Architecture.
- Participated in deploying the services/applications in AWS ECS instances and Kubernetes as well by creating the pods for load balancing.
- Debugged and resolved issues in Angular applications, ensuring optimal performance and usability.
- Contributed project planning and estimations for Angular related Tasks.
- Consumed Rest based Microservices with Rest template based on Restful API's.
- Involved in implementing the Micro Services based on Restful API utilizing Spring Boot with Spring MVC.
- Developed Restful web services in conjunction with Ajax calls by using Spring REST, created and read the JSON objects by using JACKSON libraries Using Spring security framework for user level authentication with Rest API for Service Layer Development.
- Designed and developed the REST based Microservices using the Spring boot, Spring data JPA.
- Used JSON for data exchange between application modules along with XML
- Used Maven building tool for creating Jar file to be deployed in application servers. It is also used for dependency management of code in application.
- Implemented persistence framework using Hibernate and handled Transaction Management using the

provided data source.

- Used Jenkins as CI/CD tool for ensuring application error-free throughout all phases.
- Used JIRA to assign, track, report and audit the issues in the application and developed the pom.xml using Maven for compiling the dependencies.

Environment: Java 1.8, HTML5, CSS3, Bootstrap4, Microservices, JavaScript, Angular 10, Hibernate, Spring MVC, Spring Boot, JSON, Restful webservices, Oracle, Log4J, JIRA, JPA, SQL, Spring Tool Suite, OAuth2.0, GitHub, Microservices, jQuery, AWS, Jenkins, Junit, Agile, Mockito and Swagger.

Micro Info Global, Hyderabad, India Jan 2015 - July 2017

Role: Java Developer

Description: The objective of this project was to implement a web-based frontend system which can be used by the employees, managers and higher-level management having specific role permissions for effective processing of day-to-day business activities in the company like leave management, project management and resource management etc.

Responsibilities:

- Design architecture following J2EE MVC framework
- Involved in development of user interfaces using HTML, JSP, JavaScript, AngularJS, Bootstrap, CSS and AJAX.
- Technical responsibilities included high level architecture and rapid development
- Developed and implemented Servlets running under JBoss
- Developed controller classes using Struts and tiles API
- Developed interfaces using HTML, JSP pages and Struts -Presentation View
- Developed various java business classes for handling different functions
- Developed controller classes using Struts and tiles API
- Used J2EE design patterns and Data Access Object (DAO) for the business tier and integration Tier layer of the project
- Used Hibernate for mapping java classes with database and created queries with Hibernate query language (HQL)
- Development of database interaction code to JDBC API making extensive use of SQL Query Statements and advanced prepared statement .
- Wrote SQL Scripts, Stored procedures and SQL Loader to load reference data
- Implemented CMP entity beans for persistence of business logic implementation

Environment: Java, J2EE , HTML, CSS, JavaScript, Hibernate, AngularJS, Bootstrap, Servlets, JSP, Struts, MVC Framework, Apache Tomcat, JBoss, Oracle, SQL, JDBC, EJB