

Avinash P

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PROFESSIONAL SUMMARY:

- Around 2+ years of professional experience in analysis, design, development, implementation and testing Enterprise application using Java and leading web-based technologies.
- Experience in various Agile methodologies like Test Driven Development (TDD) and SCRUM.
- Proficient in the utilization of Spring Frameworks Spring DI, Spring IOC, Spring MVC, JDBC, Servlets, JSP, Java Beans, Spring Data JPA, and Spring ORM Integration. Experience and knowledge on Spring Micro-Services, Spring Boot.
- In-depth understanding of Core Java concepts such as Exception Handling, Multi-threading, Synchronization, Serialization, Collections framework, Java Beans, Singleton Pattern, Factory Method, Facade Pattern, etc.
- Experience in designing User Interactive (UI) Webpages and visually appealing User Interfaces with the help of Client Script design technologies like Google Web Toolkit, JavaScript, HTML, CSS, Angular, JSP and Spring Tag Libraries.
- Implementing data persistence through Hibernate and JDBC methodologies through ORACLE, MySQL, RDBMS, and SQLite.
- Experienced using IDEs like Eclipse, STS, RAD, Android Studio Version Control Systems like SVN, GIT.
- Good at using the markup languages JSON and XML, XSLT (Stylesheets) and used Altova XML Spy.

Technical Skills:

Programming Languages	Java 1.5/ 1.6/ 1.7/ 1.8
J2EE Concepts	Servlets, JSP, JDBC, JPA, JTA, JMS, JSON
Frameworks	Hibernate, JPA, Spring (IOC, DAO, ORM, MVC, AOP, Security, Batch, Boot, Cloud), Spring Microservices
Databases	SQL, MySQL, Oracle, SQLite, MongoDB
Web Technologies	HTML, CSS, JavaScript, Angular, GWT
Web services	SOAP, Spring REST API, JAX-RS, JAX-WS, JAXB
Debugging and Testing Tools	Log4J, JUnit, Mockito
Web/Application servers	Apache Tomcat, WebSphere
Tools	Maven, Jenkins, Log4J, Eclipse, STS, Git, ALTOVA XML Spy, XSLT, ANTOUR, JIRA, Version One
Design Methodologies	Agile, Waterfall, Kanban, Test Driven Development

EDUCATION DETAILS:

Master's in Computer Science (Specialization in Database) from Texas A&M University, Dallas, Texas.
Jun'17 – Dec'18

Bachelor's in Computer Science and Engineering from JNTUK, India

Aug'11 – May'15

PROFESSIONAL EXPERIENCE

Java Developer at FedEx, Memphis, Tennessee

Nov'18 – Current

- Consuming and exposing various Web services using **JAX-RS** and **JSON** to different systems for business services.
- Designed and developed **Microservices** business components using **Spring Boot**. Consumed **REST** based Microservices with Rest template based on **RESTful APIs**.
- Extensively worked with core java like collections, Strings, Exception Handling. Developed complex Web Services and tailored the **JAX-RS API** to suit the requirement.
- Development of UI models using **HTML, JSP, JavaScript, AJAX, Web link** and **CSS**.
- Primarily focused on the spring components such as Spring MVC, Dispatcher Servlets, Controllers, Model, and View Objects, View Resolver.
- Worked on **RESTful** Services.
- Assisted Database Developers using **PL/SQL** for managing data associated with the tables.
- Used **JDBC** to connect to the Oracle database and **JNDI** to lookup administered objects.
- Developed a multi-user web application using **JSP, Servlet, JDBC, Spring Boot**, and **Hibernate** framework to provide the needed functionality.
- Involved in the implementation of enterprise integration with Web Services and Legacy Systems using **SOAP** and **REST** (Using Axis and Jersey frameworks).
- Generated **DAO's** to map with database tables using Hibernate. Used **HQL** (Hibernate Query Language) and Criteria for database querying and retrieval of results.
- Use Second Level Cache to enhance performance and Proper Memory Management
- Involved in **J2EE** Design Patterns such as Data Transfer Object (**DTO**), DAO, Value Object and Template.
- Used **Spring IOC, AOP** modules to integrate with the application. Developed **SQL** Queries for performing **CRUD** operations in Oracle for the application.
- Used **Maven** for generating system builds and Bamboo for continuous integration.
- Used **LOG4J**, JUnit for debugging, testing and maintaining the system state.
- Wrote **JUNIT** Test cases for Spring Controllers and Web Service Clients in Service Layer using **Mockito**.
- Designed and developed the application using **AGILE-SCRUM** methodology.

Environment: Java 1.8/J2EE, Spring, Spring Boot, Microservices, Hibernate, Webservice, JAXRS, Mockito, JDBC, jQuery, AJAX, Html, CSS, Maven, log4j, SQL, PL/SQL, SQL Developer, JIRA, JMS, Source Tree, IntelliJ, GIT, UNIX, AGILE-SCRUM.

Jr. Software Engineer at TechnoSoft Solutions, Visakhapatnam, India

July'15 – Mar'17

Responsibilities:

- Involved in various phases of Software Development Life Cycle (**SDLC**) of the application like requirement gathering, Design, Analysis and Code development.
- Developing and editing user Interface Screens using **JSP, HTML5.0, JavaScript, CSS 3.0**, Twitter **Bootstrap** and **jQuery** plug - INS.
- Developed a responsive web application for the backend system using ExtJS with **HTML** and **CSS**.
- Developed enterprise reference architecture, **SOA** & Cloud strategy in a SaaS-driven enterprise business model.
- Used PL/SQL stored procedures for applications that needed to execute as part of a scheduling mechanism.

- Developed and debugged the Servlets with **JBoss**.
- Developed and implemented Swing, spring and **J2EE** based **MVC** (Model-View-Controller) framework for the application.
- Implemented the Project structure based on **Spring MVC** pattern using **Spring Boot**.
- Enhanced **Swagger** documentation using custom annotations.
- The Implemented logic for monitoring **web services** with Spring Boot Actuator.
- Worked on Pivotal Cloud Foundry to host Cloud-based Applications. Followed best practices of Stash integration with **Jenkins** and Jira on Atlassian.
- Worked on **Mongo DB** concepts such as locking, transactions, indexes, replications, schema design.
- **Apache Ant** was used for the entire build process.
- Used **Mockito** for unit tests development of Test-driven Development (TDD). Deployed the application in **JBoss** production server running in Linux platform.
- Used **log4j** for logging errors in the application.

Environment: Java 1.8, Spring, Spring Boot, Ext JS 5, Spring, JSP1.2, Servlets2.1, JMS, IBM MQ, XML, REST(Jersey), iBATIS, JavaScript, XSLT, XML, UML, HTML, JNDI, SaaS, Apache Camel, Jackson, Spring IOC, JBoss 6.x, ClearCase, Log4J, ANT, Jenkins, Jira, JUnit, Mockito, MongoDB, PL/SQL, Eclipse, Pivotal Cloud Foundry.