

Avinash P

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## PROFESSIONAL SUMMARY:

- **6+ years of experience** as a **Java/J2EE Developer** includes Analysis, Design, and Development of quality software for **Standalone Applications** and **Web-based applications** using **JAVA/ J2EE technologies** using software development methodologies/ frameworks like **SDLC** and **AGILE**.
- Expertise in Web-Development technologies like **HTML5, CSS3, JavaScript, jQuery, Bootstrap, Angular, Servlets, JSP, JSON, JSTL, XML**.
- Expertise in **Spring Boot** for building **Micro services** and developed spring based application radically faster with very less configuration.
- Skilled in Core Java with significant understanding of Collections, Multithreading, Annotations, Exception handling and Generics.
- Experience in Object-Oriented Analysis and Design Technologies developing Use Cases, Activity Diagrams, Sequence Diagrams and Class Diagrams using case tools like **Microsoft Visio** and **Rational Rose**.
- Expert in Developing both the front end and back end software using **Java 1.8**.
- Familiar in implementing web services such as **SOAP, REST, and Node JS** using **WSDL, CXF2, JAX-WS, and JAX-RS**.
- Developed web applications based on different design patterns such as **Model-View-Controller (MVC)**, Data Access Object (**DAO**), Singleton Pattern, Front Controller, Business Delegate, Service Locator, Transfer Objects etc.
- Experience in installing, configuring, tuning Application Servers like **Apache Tomcat, Web Logic Server, Web Sphere**.
- Familiar in J2EE design patterns like **Singleton, Prototype, Business Delegate, DAO, MVC, Abstract Factory** and **Factory Pattern**.
- Comprehensive knowledge in spring modules like **Spring IOC, Spring DAO, Spring Microservices, Spring Web Flow, Spring Security, Spring MVC, and Spring AOP**.
- Created RESTful web services interface to Java-based runtime engine and accounts.
- Skilled in understanding and usage of JVM. Used **Spring IOC**, to make the application easy to test and integrate.
- Provided connections using Spring **JDBC** to the database and developed **PL/SQL** stored procedures, SQL queries to manipulate the data.
- Expertise in using databases like **MySQL** and **Oracle** and very good knowledge on **SQL** queries
- Extensively worked on implementing Service Oriented Architecture (SOA) using REST web services.
- Having experience with Cloud Computing environment like Amazon Web Services (**AWS**).
- Experience in building applications using **ANT, Maven, and Gradle**.
- Experience and deep knowledge in the bug tracking tools like **JIRA** and source code management tools like **SVN, GIT and Jenkins**.
- Highly self-motivated, good technical, communications and interpersonal skills. Able to work reliably under pressure. Committed team player with strong analytical and problem-solving skills, ability to quickly adapt to a new environment and technologies.

## EDUCATION DETAILS:

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

**PROFESSIONAL EXPERIENCE:**

**Amazon, Seattle, WA, Java/J2EE Developer**

**August'18 - Current**

**Responsibilities:**

- Developed **Microservices** applications based on Spring Boot. Involved in all phases of Software Development Life Cycle (**SDLC**) including analysis, design, development, and testing of the project.
- Designed and developed Microservices business components using SpringBoot.
- Designed and developed Microservices using **REST** framework and Spring Boot and used Bootstrap along with AngularJS in creating the Application.
- Worked on **Java 1.8** concepts involving Streams, lambda expressions, Functional Interfaces, Optional Features. Developed UI using **Angular 6**.
- Developing web applications using Java 1.8 and make sure the coding is done according to the developer coding practices.
- Primarily focused on the spring components such as **Spring IOC, Spring JDBC, Spring MVC**, Dispatcher Servlets, Controllers, Model, and View Objects, View Resolver.
- Involved in analysis design, development, and testing phases of SDLC using agile methodology.
- Working on the **SCRUM** team for rapid development and improve coding efficiency.
- Assisted Database Developers using **PL/SQL** for managing data associated with the tables.
- Analyzing the existing code to make improvements and enhance the application.
- Build responsive email templates to enhance the current structure of the application.
- Working on **MQ servers** and messaging queues to make sure the messages are delivered to the appropriate client.
- Production implantation and post-production support. **AWS EC2** and responsible for maintaining and expanding our AWS infrastructure using AWS EC2/EBS.
- Involved in writing web service application to connect to the application using REST services.
- Debugged issues if any by checking the logs in the application servers and monitoring the **Splunk** logs.
- Experience in configuring and managing various AWS services like **SNS**, Auto Scaling.
- Involving in team meetings with the business team to gather the requirements and make sure there are no roadblocks in developing an application.

**Environment:** Java1.8, J2EE, ActiveMQ, REST, Spring Framework, Micro Services, Spring Boot, Angular, SQL, PL/SQL, GIT, Jenkins, Maven, AWS, JSON, Eclipse, websphere9, POSTMAN.

**Java Developer at FedEx, Memphis, Tennessee**

**May'17 – Jun'18**

**Responsibilities:**

- 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**

**Apr'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.

**Software Associate at ArthVedi IT, Hyderabad, India**

**Feb'13 – Apr'15**

**Responsibilities:**

- Analyzed and written detailed design specifications, requirements traceability matrix (**RTM**) sheet, and test requirements.
- Developed and implemented front-end applications using Adobe Dreamweaver. Designed and developed UI using **JSP, JavaScript, and jQuery, HTML, CSS, and AJAX.**
- Implemented transaction management, high-level authentication and authorization, logging and Exception Handling using Spring Security and **AOP.**
- Used concepts such as synchronization and thread pools. Used Message Driven Beans with **JMS APIs** for asynchronous communication.
- Used Multithreading in programming to improve overall performance using Singleton design pattern in Hibernate Utility class.
- Developed a persistence layer module using **EJB** java persistence API annotations and Entity manager.
- Involved in working with Java APIs used to establish communication between JavaBeans.
- Implemented several design patterns like **MVC, Business Delegate, Service Locator, DAO, DTO, and Factory.**
- Used **XML** web services using **SOAP** to transfer the remote application to different institutions.
- Developed web services to allow communication between applications through **SOAP** over **HTTP** using **Axis2.**
- Actively involved in coding using Core Java and collection APIs such as Lists, Sets, and Maps.
- Working on parsing the **XML** using **DOM/SAX** parsers. Created stored procedures using SQL for data modification.
- Deployed the developed an application on Tomcat application server.
- Developed **JUnit** test cases for integration testing and integrated with an **ANT** build tool.

**Environment:** Agile/Scrum, Java, JSP, jQuery, JavaScript, HTML, CSS, AJAX, XML, EJB, SAX, DOM, SOAP, Java Beans, SQL Server, Eclipse, Tomcat, ANT, Jira, Log4j, SVN, MS Office, MS Visio, MS Project, Spring, HP Quality Center, JBoss.