

Avinash P

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PROFESSIONAL SUMMARY:

- Around 5 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.
- Defined AWS Security Groups which acted as virtual firewalls that controlled the traffic allowed to reach one or more EC2 instances working with EC2, RDS, IAM.
- Can understand the data flow concepts and have ability to identify points of failure.
- Experience in live level production environment and release management supporting applications.
- Diagnose, track, and drive to resolution assigned trouble tickets, production issues, document requirements back to development, and perform break fix in a system down situation.
- Application monitoring and functional assistance during Production Support.
- Implementing data persistence through Hibernate and JDBC methodologies through ORACLE, MySQL, RDBMS, and SQLite.
- Coordinating with various teams and raise support ticket for all issues, analyze root cause and assist in efficient resolution of all production processes.
- Maintaining logs of all issues and ensure resolutions according to quality assurance tests for all production processes.
- Experienced using IDEs like Eclipse, STS, RAD, Android Studio Version Control Systems like SVN, GIT.

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
Cloud Computing	AWS (Amazon Web Services), EC2, ELB, RDS, S3, IAM.
Mobile Technologies	Google Android SOK
Debugging and Testing Tools	Log4J, JUnit, Mockito
Web/Application servers	Apache Tomcat, WebSphere
Tools	Maven, Jenkins, Log4J, Eclipse, STS, Git, ALTOVA XML Spy, XSLT, ACORD, 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/J2EE Developer at Amazon, Seattle, WA

August'18 - Current

Responsibilities:

- ✓ Working in Agile and Waterfall environment in various phases of Software Development Life Cycle including Test Driven Development and SCRUM meetings.
- ✓ Trouble-shooting production incidents requiring detailed analysis of issues on web and desktop applications, Autosys batch jobs, and databases
- ✓ Extensively used ALTOVA XML Spy to analyze JSON and XML data also used JSON to parse the data. Used POSTMAN, SOAP to test rest APIs.
- ✓ Used Spring Core Annotations for Spring DI and Spring MVC for REST API s and Spring Boot for Micro-services and Spring Security for Authentication and Authorization of the application using SPENGO Authentication.
- ✓ Using Java 8 features such as Lambda expressions, Functional Interfaces, Streams to avoid boilerplate code, keep code simple and extensively used core java technologies such as Collections, Multi-Threading, Exception Handling.
- ✓ Manage and coordinate hot fix and maintenance releases.
- ✓ Working on AWS EC2 Linux instances and used Jenkins to run the deployment process. Used S3 buckets for document management and RDS to host database.
- ✓ Present Environment: Java, J2EE, Spring, Spring Boot, JPA/ Hibernate, Micro Services, Web Services, Spring REST, JSP, JSON, XML, XSLT, Angular, Jenkins, Oracle, Log4J, POSTMAN, WebSphere, AWS, EC2, RDS, S3, Linux, Mockito, GIT, JIRA and Putty.

Environment: Java, J2EE, Spring, Spring Boot, JPA/ Hibernate, Micro Services, Web Services, Spring REST, JSP, JSON, XML, XSLT, Angular, Jenkins, Oracle, Log4J, POSTMAN, WebSphere, AWS, EC2, RDS, S3, Linux, Mockito, GIT, JIRA and Putty.

Java Developer at FedEx, Memphis, Tennessee

Nov'17 – Jun'18

Responsible for fetching data from users end, evaluate the request, generate the data and create flat files in server. The requests are coming as messages. Managing ticketed query system and ensuring comprehensive database of queries and resolutions is kept up to date. These apps provide several features like package activation, customer evaluation, postage services, pickups information and more.

Responsibilities:

- ✓ Developed Micro Services, using Spring Boot, Spring AOP, JMS for fetching data.
- ✓ Used SVN for source code version control.
- ✓ Front end View designed with HTML, CSS, HTML5 and CSS3.
- ✓ Aspect oriented programming & logging using Spring AOP, Spring Exception handlers, Spring Transaction Management.

- ✓ Used Jenkins Dockers CI/CD pipelines to build and deploy code to different environments(L2/L3/L4)
- ✓ Performed disaster recovery tests to ensure system availability and functionality
- ✓ Used Spring batch for transforming the data from flat file in servers to database.
- ✓ Integration testing, unit testing using JUNIT, Mockito & Spring Test Frameworks.
- ✓ Used JQuery plugins to develop the custom portal templates.
- ✓ Working as part of a SCRUM team following complete Agile development practices, story planning, grooming & pointing, using AGM for story tracking and Confluence for documentation.

Environment: Java, j2EE, Servlets, JSP, Spring, Spring MVC, Spring Boot, Spring REST, Web Services, JMS, Rabbit MQ, AWS, HTML5, JavaScript, AJAX, Angular JS, CSS, Hibernate, JDBC, DB2, MongoDB, XML, WebSphere, JBOSS, Eclipse, JUnit, Subversion, Maven, SVN.

Jr. Software Engineer at TechnoSoft Solutions, Visakhapatnam, India

July'15 – Mar'17

Funding Service is an application solution to provide business services to clients. Funding Service provides functionality that automates the business process within an enterprise-class business. The Funding service process covers the physical and related electronic data from the point contracts are received by Dealer track Digital Services (DDS) until the physical documents are processed by Iron Mountain and Dealer Track Collateral Management Services (CMS).

Responsibilities:

- ✓ Developed backend application using Java, JSP, Spring IOC, Spring DI, Spring MVC, Spring ORM, Hibernate. Involved in various phases of Software Development Life Cycle.
- ✓ Implemented JSP, HTML, CSS, JavaScript, AngularJS, Spring Tag Libraries to design front end. Developed Web Services using CORBA programming models.
- ✓ Developed RESTful Web Services in Java that provides support for JAX-RS API's and serves as a JAX-RS (JSR 311 & JSR 339) using Jersey RESTful Web Services framework.
- ✓ Used Spring Framework to integrate with Struts and used ORM mapping tool called Hibernate.
- ✓ Created Spring Restful Web services consuming and producing JSON/XML.
- ✓ Deployed the application in WebLogic Application server and configured WebSphere Application Server to access the Database by setting up Data source.
- ✓ Extensively used core java technologies such as Collections, Multi-Threading, Exception Handling, Callback interfaces, Singleton.
- ✓ Used Eclipse as IDE tool to develop the application and JIRA for bug and issue tracking and Log4j for logging.
- ✓ Used PL/SQL programming in Analysis, Design, and Implementation of Business Applications using the Oracle.
- ✓ Version control of the code and configuration files are maintained by Source-Tree and Bit-bucket for the source code repository.

Environment: Agile methodology, JDK 7, J2EE, Springs 3.x, Spring MVC, Spring Batch, Hibernate, Rest Services, SOAP Services, WSDL, XML, XSLT, Oracle, PL/SQL, Eclipse, Maven, Log4j, Web Logic.

Software Associate at ArthVedi IT, Hyderabad, India**Feb'14 – April'15**

An application was developed to facilitate in the shopping experience by creating a valid customer account and implemented POS system. Once registered, customers search for available goods and place an order easily. After the point of sale transaction, the customer details were securely processed using Broad vision server, followed by the confirmation of orders placed.

Responsibilities:

- ✓ Worked in an Agile environment in various phases of Software Development Life Cycle including Test Driven Development with continuous integration and delivery.
- ✓ Involved in application development using JSP, Spring MVC, Spring IOC, Spring Annotations, Spring AOP, Hibernate, JDBC, SQL, Maven, Oracle
- ✓ Involved in implementing applications using the concrete principles laid down by several design patterns such as Composite View, Session Facade, Business Delegate, Bean Factory, Singleton, Data Access Object, and Service Locator.
- ✓ Wrote SQL queries, stored procedures, modifications to existing database structure as required for addition of new features using Oracle database.

Environment: JAVA 1.6, J2EE, Spring 3.0, Hibernate 3.0, REST Web Services, HTML, JavaScript, JDBC, PL/SQL, JUnit, XML, UML, Oracle 11g, Tomcat, Maven, SVN.