

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.

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.

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.

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.

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, Node JS
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, Docker,
Design Methodologies	Agile, Waterfall, Kanban, Test Driven Development

PROFESSIONAL EXPERIENCE:

Java Developer at World Financial Group, Duluth, GA

Apr'18 - Current

The goal of this project is to digitize KYC flow for Lincoln financial group customers, KYC is a federal regulation that all the financial organizations go through, which requires organizations to collect the customer information and submit the information at the account level. Developed angular reactive forms to collect the data and built spring boot-based API's to drive angular forms and collect the data i.e. submitted by the customer.

Responsibilities:

Working in Agile and Waterfall environment in various phases of Software Development Life Cycle including Test Driven Development and SCRUM meetings.

Experience with database abstraction libraries and ORMs especially those from the Node.JS world.

Developing UI pages using Google Web Toolkit, JSP, HTML, CSS, JavaScript, and Angular and integrated them with the backend application.

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.

Used Jenkins Dockers CI/CD pipelines to build and deploy code to different environments

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, IBM MQ, Log4J, POSTMAN, PM2, WebSphere, AWS, EC2, RDS, S3, Linux, Mockito, GITLab, JIRA and Putty.

Java Developer at GE Healthcare, Milwaukee, WI

Dec'16 – Mar18

GE Healthcare which is formerly known as GE Medical Systems has a wide range of classifications within itself such as Clinical Services, Diagnostic Imaging, Lunar Corporation, etc. GE Healthcare provides transformational medical technologies and services to meet the demand for increased access, enhanced quality and more affordable health care around the world. GAMS BI Engagement is a part of the Diagnostic Imaging division of GE Healthcare. These manufacturers and sells diagnostic instruments like X-Ray machines, Cathode ray tubes, etc. to different hospitals across the globe.

Responsibilities:

Involved in Design, Development and Support phases of Software Development Life Cycle (SDLC). Used Agile methodology and participated in SCRUM meetings.

Implemented the Project structure based on Spring MVC pattern using Spring Boot in a Microservices architecture, with Spring Boot.

Developed user interface using BOOTSTRAP and AngularJS to simplify the complexities and Stored procedures and Triggers on DB2.

Spring Controllers were used with AngularJS to route the control to desired Java services. JAXB and CASTOR were used for marshaling and un-marshaling.

Implemented scripting with Ajax and XML to dynamically refresh the page contents.

Implemented the REST web service for utilizing these services and exposing some of the newly implemented functionalities for others through JAX-RS and Spring Rest Controller.

Worked with NoSQL MongoDB to store, retrieve, and update and manage all the details for Ethernet provisioning and customer order tracking. Deployed the application in JBoss Application Server.

Built MAVEN scripts for automated deployment and for the build operation of the entire application.

Hands-on experienced working with version control tools such as SVN and JIRA as issue tracking software.

Wrote JUnit test cases for classes following a test-driven methodology and Log4J for logging. Documented the flow and functionality of the code for further reference.

Environment Worked: 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 Developer at State Street Corporation, Boston, MA**Aug'15 – Nov'16**

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 Worked: 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.

Jr. Software Developer at ArthVedi IT, Hyderabad (India)

Feb'14 - July'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.

Implemented application using JSP, Spring MVC, Spring IOC, Spring Annotations, Spring AOP, Hibernate, JDBC, SQL, Maven, Oracle 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.

Hands-on experienced working with version controller tools such as GIT and JIRA as issue tracking software.

Environment Worked: 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 .