**Vinod Rao M**

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**PROFESSIONAL SUMMARY:**

* A Developer with around 7+ years of experience in analysis, design, and development of Enterprise Web based, Client/Server, Distributed applications using Java/J2EE Technologies.
* Experience in complete Software Development Life Cycle (SDLC) involving analysis, design, development, testing and deployment of n-tier applications in JAVA, J2EE, Web Services (SOAP, REST), SOA, JSP, JSTL, Struts, JSF, Servlets, ESB, EJB, XML, JavaScript, Log4j, Eclipse, Spring, AJAX and Hibernate.
* Extensive experience in designing, developing and deploying J2EE applications on Application servers like WebSphere, Apache Tomcat, JBoss.
* Experienced with GUI technologies like Java Script, Angular 7, NodeJS, HTML, CSS, and JQuery.
* Experienced with server-side programming and technologies such as J2EE, Servlets, Spring, JSP, JavaBeans, JDBC, JMS, JNDI.
* Experience in designing, creating and testing REST API based microservices using Spring/Spring Boot and JAX-RS.
* Strong experience in using frameworks like Struts, Spring, Spring Boot & Hibernate.
* Development of scalable Linux deployments using Docker.
* Good experience in CICD pipeline, Jenkins jobs and AWS (EC2, ECS, ALB, Clusters, Target Groups, Target Definitions, Lambda Functions and S3 Bucket).
* Experienced with database development including Oracle 9i/10g/11g, IBM DB2 and MySQL databases and proficiency with SQL and PL/SQL.
* Experience in using system for AWS Elastic Environments, including monitoring individual instance health, overall environment health.
* Experienced in building the DAO layer using Hibernate ORM.
* Experience in creating and consuming SOAP and RESTFul Web Services using Apache CXF and JAX-RS
* Proficiency in using XML, XSD, XSLT and various XML parsers like SAX, DOM.
* Experience in using version controlling tools like CVS, SVN and GIT.
* Experience in installing and configuring Apache and Tomcat servers.
* Competent in using Software Development Life Cycle (SDLC) methodologies like Agile, Kanban, TDD, ATDD and Waterfall.
* Experience in using Maven and Bamboo for project life cycle management and continuous integration.

TECHNICALSKILLS:

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| Operating Systems: | Windows, Unix, Linux |
| Programming Language | C, Java 8/7/6, J2EE |
| Web/J2EE Technologies | JSP, Servlets, HTML, JSF, JavaScript, JQuery, AngularJS, Angular 7, NodeJS, JSON, JSF, ESB, EJB, JDBC, JNDI, JPA, JMS, XML, AJAX, Junit, JAX-WS, JAX-RS, Boot Strap, CSS 2/3 |
| Application/Web Servers: | WebSphere, Spring Boot, WebLogic, JBoss, Tomcat |
| IDE: | RAD, Eclipse, MyEclipse, Spring Tool Suite, Visual Studio Code, |
| Web Services: | REST Services, JAX-RS(Jersey), Spring Boot, RESTEasy, Postman, SOAP, JAX-WS, Apache CXF, Swagger documentation |
| Cloud: | Amazon Web Services - Container Services, S3, Cloud Formation Script, EC2, AWS Lambda |
| Open Source Java: | Ant, Maven, Bamboo, Jenkins, log4j, Junit, Mockito, Easy Mock, JMeter |
| Java Frameworks | Spring, Spring Boot, Struts, Hibernate, JSF |
| Design/Development Methodologies: | Agile(SCRUM), Waterfall, Kanban, TDD, ATDD |
| RDBMS/Databases: | Oracle, DB2, SQL Server, Mongo dB |
| Monitoring Tools | Splunk, App dynamics |
| Version Control Systems | CVS, SVN, GIT, Bit Bucket |

**WORK EXPERIENCE:**

**Client: Vanguard June 2018– Present**

**Location: Malvern, PA  
Role: Software Developer**

**Responsibilities:**

* Used Agile/Scrum methodologies for application development.
* Created the front end using Angular 7, NodeJS, HTML5, CSS3 and Boot Strap.
* Created REST API based microservices for the backend using Spring framework and Spring Boot.
* Integrated the REST API calls to legacy code using JAX- RS (Jersey) and mapped the request and responses.
* Deployed the REST microservices using Docker containers on Amazon Web Services Elastic Container Service (ECS)
* Created mock APIs for local testing using DevTest tool. Made the mock APIs dynamic using python script.
* Performed enhancements and bug fixes to the legacy front end that was written using Spring MVC.
* Used applications like Splunk and App dynamics to debug and monitor the applications. Created dashboards and alerts for monitoring the applications.
* Used Spring JDBC Template for building the Data Access Layer.
* Worked on the data modelling for Oracle 11g database. Created several new tables, functions, triggers and stored procedures using PL/SQL and relationships to accommodate the new functionality.
* Used Bit Bucket for version control and Bamboo for continuous integration.
* Wrote Unit tests using Junit, Mockito, Jasmine, Mocha and Karma.

**Environment:** Java 1.8, JavaEE, Spring Boot, Spring framework, REST Services, Micro Services, Junit, Mockito, JavaScript, Jasmine, AngularJS, Angular 6/7, NodeJS, Boot Strap, HTML5, CSS3, Python, Bamboo, Bit Bucket, JSF, AWS(ECS, RDS, S3), Oracle 11g, PL/SQL, XML, JAON, YANL, Splunk, App Dynamics, DevTest

**Client: Capital One Oct 2015– June 2018**

**Location: Chicago, IL  
Role: Web Developer**

**Responsibilities:**

* Used Agile Software methodology and participated in Daily Scrum meetings, Sprint planning and estimation of the tasks for the user stories, participated in retrospective and presenting live demo at end of the sprint.
* Involved in Iteration planning, requirements analysis, design, coding, testing, and documentation.

The front end was built using AngularJS, HTML5, CSS3, Boot Strap and NodeJS.

* Developed Restful API’s for the agent servicing workflows used across the enterprise using Spring framework.
* Built microservices for the delivery of software products across the enterprise.
* Involved in writing swagger documentation for Restful APIs.
* Worked on creating PL/SQL stored procedures, function, triggers and schemas.
* Participate in Data Modeling and creating JSON Schemas.
* Developed java API’s which will communicate with AWS S3 buckets.
* Designed and built automated infrastructure using Git, Jenkins and open source tools.

**Environment:** Java 1.8, JavaEE, Spring framework, Angular, NodeJS, Boot Strap, HTML5, CSS3, Spring Boot, JSON, Jenkins, Git-hub, Oracle 11g, PL/SQL.

**Client: Axis Bank, Hyderabad, India May 2013– Oct 2015**

**Role: Web Developer**

**Responsibilities:**

* Used Agile Software methodology and involved in Iteration planning, requirements analysis, design, coding, testing, and documentation.
* Created the front-end using JavaScript, HTML5, CSS3 and jQuery.
* Implemented the application using the concrete principles laid down by Java/J2EE
* Redesign and development of web modules using Spring MVC framework with Spring, Spring Data JPA, Hibernate.
* Created and used JUnit test cases during the development phase. Used Jasmine for unit testing UI modules.
* Extensively used log4j for logging throughout the application.
* Used Git for version controlling.

**Environment:** Java/J2EE, Spring, Struts, Oracle 11g, PL/SQL, Hibernate, XML, HTML, CSS, REST web Services, Junit, Eclipse, Unix, CRON, Log4J

**Education:**

Bachelor of Technology, India