Gopinath Vaddepally

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| Java Developer |

**Summary:**

* **9+** years of experience in developing enterprise applications using **Core Java**, **J2EE** technologies such as **Spring, Spring boot, Hibernate, Web Services** and **Microservices**.
* Great understanding of software development processes adhering to **Software Development Life Cycle (SDLC),Waterfall and Agile methodology.**
* Good understanding in implementing design patterns such as **Singleton, Factory, MVC, Business Delegate, Session Facade and DAO.**
* Good knowledge in developing presentation layers of applications using **Angular** framework and the MVC module of Spring framework.
* Experience working in MVC framework using **spring Framework** including **Spring MVC, Spring Security, Spring IOC, Spring JDBC, Spring Reactive Web Flux.**
* Strong hands-on experience on **Spring IO, Spring Boot** with Thymeleaf.
* Developed backend/DAO implementation classes by implementing ORM framework such as **Hibernate API using JPA support.**
* Strong understanding of **Microservices** architecture.
* Hands-on experience in developing **Microservices** solutions, experience on Microservice tech stack like **Spring Boot** and **Distributed Cache**.
* Experience in Message Queues such as **Kafka**, **Active MQ**, **Rabbit MQ**.
* Experience on various Cloud Platforms such as **Amazon Web Services** , **OpenShift** and **Microsoft Azure**
* Experience on **Amazon Web Services (AWS)** Component Usage, Configurations and Deployment - **ElasticBeanstalk,** **Elasticsearch**, **EC2**, **S3**, **SNS**, **SQS**.
* Experience in developing web services in **REST and SOAP** on both provider and consumer side.
* Experience in **Event-Driven Microservices**, CORS , **SAGA**, Axon, **Spring Boot**
* Made Enhancements to the web pages that are developed using **GWT** and **Swing**.
* Experience in web designing & development using **HTML, CSS, JavaScript, Angular JS, Angular, JQuery, XML, Bootstrap JS, JSP, JSON, JSF** and **AJAX.**
* Experience in **SQL, PL/SQL programming, stored procedures, triggers with Oracle, Postgres** and **MySQL.**
* Developed test cases to test application units using annotation based **J-Unit, Mocking** testing framework.
* Hands-on experience in working with Application Servers like **Tomcat**, **WebSphere, WebLogic and JBOSS servers.**
* Good knowledge in using IOC and AOP features of Spring framework to achieve better testability and scalability of the application.
* Understanding of NoSQL databases like **MongoDB**, **Cassandra** and **Redis.**
* Strong problem-solving, organizing, communication and planning skills, with ability to work in team environment. ​
* Experience in performing unit testing using **Junit, mocking** integration and development of applications done using **Ant and Maven** tools.
* Source Control Management/version control using software like **Tortoise SVN, GITHUB**.
* Mentored interns guided them technically and trained them to adapt to scrum-based work culture. ​
* Development experience with Core Java such as **IO, Multithreading, Collections, Exception handling, Networking.**
* Extensive use of major IDEs such as Eclipse, NetBeans, IntelliJ and Spring Tool Suite (STS).

**Productivity Traits:**

* Adaptable, Quick, Flexible, Multitasking & Determined.
* I am always learning new technologies because newer libraries or new technologies help us write better code. Everything is programming so it hardly takes 3-4 weeks to get hands-on with a new language.
* Team Support and Pair Programming is my noticeable asset.
* Having Strong written and **Communication Skills**.

**Technical Skills:**

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| **Programming Languages** | Java, JavaScript, SQL, PL/SQL, Java 8,  Java 11 |
| **Frameworks** | Hibernate, Spring , Spring Boot (spring-core, spring-web, spring-security, spring-jpa), Spring Cloud, Angular, Apache Active MQ, Flutter, Kony, Hibernate, Spring, AJAX, jQuery, Kafka, Reactive Spring web flux, Reactive Programming |
| **Web Technologies:** | JSP, Java Beans, MVC, JNDI, JMS, SOA, SOAP, JSON, XML  **JavaScript Libraries:** Angular 6,8,12,13, AngularJS, jQuery, Typescript, JavaScript, jQuery, HTML5, CSS3, SCSS, AJAX. ​ |
| **IDE & Tools** | Eclipse, NetBeans, IntelliJ, Spring Tool Suite (STS), Notepad++, Visual Studio Code, Sublime text, Kony Visualizer, Kony Fabric |
| **Servers** | Tomcat, JBOSS |
| **Database** | MySQL, Oracle DB, MongoDB, Postgres, SQL Server, DB2 |
| **Operating Systems** | Windows 7,8,10, Unix, Linux, Mac OS-X |
| **Methodologies** | Waterfall, Agile |
| **Version Control** | GitHub, Tortoise SVN,CVS |
| **Project Build Tools** | Maven, Ant, Gradle |
| **Mobile Technologies** | Flutter, DART, Kony |
| **Deployments** | AWS (EC2, Elastic Beanstalk, S3, RDS,  Lambda, Cloud Watch), Openshift, docker, kubernetes |

**Education:**

Master of Computer Applications(MCA) August 2016

Osmania University India.

**HONORS & AWARDS**

* Certified Safe Practitioner.
* Spot Award at Cotiviti, for Companion tool services implementation.
* Spotlight Award at Gainsight, for benchmark feature release in UDM.
* Extra Mile award at Kony Labs for DBX Integration templates, 2019.
* Gold Star award at Kony Labs for TDECU, 2018.
* Certified Kony Developer.

**Professional Experience:**

**Client: Autonation, White Plains, NY**

**Role: Sr. Java Developer Feb 2023 – Present**

**Responsibilities:**

* Design, implement and test services in a Microservice-oriented architecture and has Implemented the REST based **Microservices** using the **Spring Boot**.
* Used **Java 8 & 17** features such as Lambda Expressions and records to make the code concise and Stream API to increase the performance and manage some of the **AWS Services**.
* Used J2EE design patterns like Front Controller, MVC,Builder, Singleton , Business Delegate and Session Facade.
* Worked with HTML5, CSS3, JavaScript, **Angular** 8,12 and ES6 for developing user interface.
* Used **Reactivie Spring Web Flux** to create reactive micro-services.
* **AWS EBS**  & **EC2** for deploying microservices.
* Used **AWS** **RDS** services such as MySQL, Postgres as databases for multiple micro-service apps.
* Configured **Apache Kafka** as source for micro-services communication.
* Used **Docker** to create microservices apps images.
* Writting Unit Test cases using **JUnit**.

**Client: Cotiviti, Hyderabad India Sept 2021 – Jan 2023**

**Role: Sr. Full Stack Java Developer**

**Responsibilities:**

* Participated in the complete life cycle of the project analyzing the requirements, designing, development and testing. (**SDLC– Software Development Life Cycle**).
* Involved in software development which is driven by **Agile** methodology, short tri-weekly sprints in form of iteration and retrospective sessions.
* Designed the architecture of the overall project as per their dependencies in a **Spring framework and J2EE** specifications.
* Configured **Spring** to manage beans and set their dependencies in a **Spring context file.**
* Implemented and exposed service layer using **Spring Boot**, Annotations and controller using **Spring MVC**
* Implemented the project structure based on**Spring MVC** pattern using **Spring boot.**
* Implemented all the functionality using **Spring IO / Spring Boot**, Thymeleaf and **Hibernate ORM**.
* Implemented **Spring MVC** architecture to send and receive the data from front-end to business layer.
* Develop the **Microservices** using Spring Pivotal Cloud Foundry (Netflix OSS suite).
* Development of **Spring Boot** application with **Microservices.**
* Micro-services application deployments using **AWS Elastic Bean Stalk**  & **EC2**.
* Used **AWS** **RDS** services such as MySQL, Postgres as databases for multiple micro-service apps.
* Used **AWS Cloud Watch** to monitor applications.
* Configured **Apache Kafka** as source for micro-services communication.
* Used **Docker** to create microservices apps images.
* Implemented **Microservices** architecture to make applications smaller and independent.
* Worked with **Microservices** related frameworks **Ribbon** and **Eureka** for client-side load balancer and network discovery.
* Developed **RESTful** Web Services to retrieve data from client side using **Microservices** architecture.
* Integration with **Spring security** in web application.
* Integrated with **Spring Cloud Netflix's** components like **Eureka** (Service Discovery), **Hystrix** (Circuit Breaker), **Ribbon** (Client Side Load Balancing) and **Zuul Proxy**.
* Worked in setting up Linux Environment on **AWS cloud infrastructure**, migrated corporate Linux servers from physical servers to **AWS virtual** servers.
* Experience in **AWS** Cloud platform and its features which includes EC2, S3, VPC, EBS, ELB, IAM, AMI, SNS, RDS, Cloud Watch.
* Designed Rich Responsive **User Interface** to enhance the look and feel of applications using **HTML5, CSS3, AngularJS, Java Script.**
* Experience in Web Applications Development using **HTML 5, CSS (2/3), XHTML, XML, JavaScript, Angular , JQuery, XML and JSON.**
* Developed Test Cases to test **Web Services** and **RESTful** calls using SoapUI tool.
* Made Enhancements to the web pages that are developed using GWT and Swing.
* Validated Web Services and **RESTful** calls by comparing the data with Database and User Stories.
* Use **Kafka** for publishing and consuming the updates to the inventory and calculate the immediately sellable quantity.
* Used **Java Messaging Services (JMS)** for reliable and asynchronous exchange of important information such as payment status report.
* Used **hibernate** for Object Relational Mapping, data persistence and wrote **HQL** queries to directly interact with the database.
* Used **Jenkins** as a continuous integration and continuous delivery.
* Developed **JUNIT, mocking test** cases for unit testing to validate the type of data in the **XML** files.
* Used **JIRA** for tracking the activities, Tasks and defects.
* Worked with the team of architects and back-end Developers to gather requirements and enhance the application functionality and add new features.

**Environment:** Java, Groovy, Agile Scrum, Jenkins,AWS, Microservices, Spring Boot, Spring Cloud, Hibernate, Kafka, Oracle, SQL Queries, Swing/GWT, Jasper report, HTML 5, CSS3,Angular, Java Script,RESTful services, Jenkins,Apache Tomcat server, JBOSS, Maven, Log4j, Junit, Mocking.

**Client: Gainsight, Hyderabad India Mar 2020 – Sept 2021**

**Role: Sr. Java Developer**

**Responsibilities:**

* Worked on Requirement Analysis, Design, Development, and Implementation of the applications using **J2EE technology** and **AGILE SCRUM** methodology was used in planning the process of iterations.
* All the backend functionality is implemented using **Spring Boot, Spring transactions, Spring IOC, Spring MVC, Spring Core.**
* Developed **Micro Services** using **Spring Boot**.
* Implemented **Spring Boot** Micro services to divide the application into various sub modules.
* Developed payment system module using **Spring** **Microservices** on **Pivotal Cloud Foundry** after successful execution of the main business model.
* Created multiple **Restful** web services using **jersey2** framework.
* Developed and consumed **Rest Services** using **HTTP** methods such as **GET, POST, PUT**and **DELETE** for user and account **micro services**
* Involved in development of **Restful web services** using jersey for the functionalities like account creation, account amendment, account deactivation, account reactivation.
* Worked on Custom **JavaScript, JSP, Servlets. Hibernate** and utilized **POJO's** for ORM and data access; utilized **Spring for IOC configuration**.
* Developed user-friendly web-based **GUI** using **JSP, CSS**and **HTML 5**.
* Implemented server side tasks using **Java, Servlets, Java Beans** and **XML.**
* Created an interactive portfolio using JavaScript for the **COAST** workflow.
* Web Application Development on the workflow using Client Script design technologies like **Angular.**
* Extensively interacted with client project managers and technical experts to coordinate project deliverables and milestones.
* Developed web applications using **Rational Application Developer (RAD)** and deployed it in **WebSphere** application server 8.5.
* Consumed web services – **WSDL** and **SOAP** for getting required information from third party applications.
* Working on data preprocessing, cleaning and publishing data to Apache **Kafka** topics
* Developed **SQL** queries and **stored procedures** for the application.
* Used **XPATH, XQuery** and **XSLT** for XML transformations.
* Involved in building and deployment of applications in the Linux environment.
* Developed server-side scripts in shell to customize **GIT** and integrate it with tools like **JIRA** and **Jenkins**.
* Worked on **CI (Continues Integrations)** and **CD (Continuous Deployment)** methodologies using **Jenkins**.
* Developed the model classes using **hibernate mapping associations** to persist the data.
* Used **Jenkins** for auto-deployment in all lower and **production** environments.
* Used **Log4j** Logger and Debugger to capture the log that includes runtime exceptions.
* Fixed many long-standing bugs along the full stack.
* Created a build environment for Java using **GIT** and **Maven.**
* Developed the test cases with **Junit, Mocking** for Unit testing of the built components.
* Complete client projects with qualified staff promptly and according to **Jenkins** mission.
* Estimating the timeline for the tasks and assigning them to individual iteration based on the priority.
* Attending the daily standup to discuss the progress of the assigned tasks.
* Involved in research activities for determining frameworks and technologies feasible for the application.
* Conducted knowledge sharing sessions among the team members in technical areas and provided technical support to the production system.

**Environment:** Core Java 1.8, J2EE, Microservices, Spring(Spring core, Spring AOP, Spring Boot, Spring IOC, Spring MVC), SOAP, RAD, Hibernate, Kafka, Angular.JS, Ajax, WebSphere, HTML5, CSS3, JMS, SQL, PL/SQL, JBOSS, POJO, Oracle 10g, GWT, Jasper reportXQuery, JQuery, XML, XSLT, Groovy, Junit, Mocking Maven, Jenkins, JIRA, UNIX, Linux.

**Client: Kony(Temenos), Hyderabad India May 2017 – Mar 2020**

**Role: Java / J2EE Developer**

**Responsibilities**

* Gathered & analyzed requirements from the customer and written requirements, technical and design specifications
* Participated in business analysis requirements with the business analyst.
* Involved in the Development of Framework Controllers using **Spring.**
* Developed Controller for request, response paradigm by Spring Controllers using **Spring-MVC**.
* Configured the URL mappings and bean classes using **Springapp-servlet.xml**.
* Developed applications using **Hibernate** persistent framework, developed persistent classes, H**ibernate**-mapping files**.hbm.xml** file, hibernate query language
* Worked on Hibernate object/relational mapping according to database schema
* Worked on **AJAX** implementation for retrieving the content and display it without reloading the existing page
* Written complex **SQL queries** and **stored procedures** for **Oracle** database
* Implementation of the application using the various J2EE design patterns like **DAO**, **Singleton** and **Business Facade**.
* Involved in Web Service development and implementation.
* Hands-on experience in deployment of **J2EE** applications on **Tomcat & Jboss Servers**.
* Development of different application layers like **Action Handler**, **Facade** and process objects.
* Written Test cases using **JUnit** framework to validate the application flows in different scenarios in the standalone application.
* Mentoring developers regarding business knowledge and application framework knowledge.
* Production support contact – to analyze, debug and investigate on problems reported by users
* Code reviews (standards, performance tuning, re factoring, re-usability)
* Exposing and consuming the services to the downstream applications using **ApacheCXF.**
* Creating the domains, application servers and load balancers using **WebLogic.**
* Use of multiple tools, including **iText** and **JFreeChart** to create reports and charts
* Used **Log4J** to print the logging, debugging, warning, info on the server console.
* Written build script for the application build and deployment using **Ant.**
* Worked with **SVN** Version control.
* **Eclipse** was used for Rapid Development of the application
* Performing usability testing for the application using **JUnit** Test.
* Responsible for developing extensible components for use in next-generation enterprise clinical information systems utilizing **Agile (Scrum)** methodology.
* Made SDLC recommendations and **Flex** development best practices
* Developed the **Servlets** for processing the data on the server.
* Used **MAVEN** for building and deployment purposes.
* Extensively worked on **Oracle 10g** including storage and retrieving data
* Involved in designing the user interfaces using **JSPs.**
* Experience with SQL and basic **CRUD** operations
* Used **ClearCase** version control system.
* Involved in implementing **JQuery** for providing interactive user interfaces
* Used **Agile** methodology for the software development process.

**Environment:**Java, J2EE, JDK, Spring, Struts, Hibernate, WebSphere Application Server, JDBC, Servlets, JSP, Log4j, Web Services, RESTful, SOAP web services, JUnit, HTML, XML, JavaScript, Apache Ant, Oracle, AJAX, UML, WebLogic, ApacheCXF, JQuery, JSP, Servlets, Oracle 10g, CRUD, Eclipse, Maven, iText, ClearCase, Agile (Scrum), Flex, UNIX, Linux.

**Client: Tech Saints , India June 2015 - May 2017**

**Role: Java / J2EE Developer**

**Responsibilities:**

* Actively involved in analyzing and collecting user requirements.
* Developed business components using **Core Java** and **Enterprise Java Beans**.
* Wrote SQL stored procedures, and used **JDBC** to connect to the database.
* Created user Interface through **HTML and JSP**. Designed and Developed interactive and dynamic front end web applications using **HTML, Bootstrap and CSS.**
* Involved in developing various **Servlets**.
* Developed **JUnit** test cases for unit testing.
* Used **Struts** to implement the **MVC** framework for the presentation tier and Simplified client-side scripting of **HTML using JQuery,** a cross-browser JavaScript library.
* Used **JDBC** API to connect to the database and Performed **CRUD** operations to get and check the data.
* Implemented different design patterns like Singleton, Factory, Data Access Objects and Front controller.
* Prepared EJB deployment descriptors using XML and Used **JAXB** components for transferring the objects between the application and the database.
* Used **Ant** for building scripts and wrote test cases using **JUnit** as a testing framework. Used **CVS** for version control
* **Involved in configuring** and deploying the application using **WebSphere**.
* Involved in code reviews and mentored the team in resolving issues.
* **Undertook the Integration and testing of the various parts of the application.**
* Used **Subversion** for version control and **log4j** for logging errors.
* Developed **SOA** Web services above the data access layer and Developed applications using Ant as a build tool.

**Environment:** Java 1.5, 1.7, HTML, Java Script, Servlets, JSP, JDBC 3.1, Struts, Spring, Web services, Oracle10g, SQL, PL/SQL, UML, XML, ANT, JUnit, Log4j and Linux.