**Name: Vishal Kududula**  vishal.kududula@gmail.com

***Java Backend Developer* +13142243124**

**Professional Summary:**

Over 3 years of experience in software design and development of **Java/J2EE** applications with solid Object – Oriented Programming skills.

* Expertise on advanced software development methodologies such as **Agile/Scrum model processes**.
* Experience in Use Cases, Sequence Diagrams and **Class Diagrams using UML, J2EE Design Patterns**.
* Build and develop various portals **using C++.**
* Involved in Design, Development and Support phases of **Software Development Life Cycle (SDLC).**
* Expertise in **back - end procedure development**, for **Database Applications using Oracle 9i & 10g, SQL and PL/SQL.**
* Experience in developing **backend web services** using **Node JS.**
* Experience in developing web interfaces using **HTML5, CSS3, JavaScript, AngularJS.**
* Experience in working on **MVC** pattern using **AngularJS**, creating user interface and single web page application.
* Work as a product client team developer on a variety of platforms including Windows, UNIX and Linux distribution using **C++.**
* Built AWS Confidential **in GovCloud** to ensure conformity with FEDRAMP standards.
* Build **the AWS Gov** cloud environment utilizing Terraform modules, tested and deployed.
* Extensive knowledge in database transactions management for database related changes by integrating JDBC, Hibernate with **Spring Boot**.
* Expertise **in J2EE Architecture using Java. JDBC, Java Beans, EJB, Servlets, JSP. JMS, Struts, ANT. Log4J, UML, XML, CSS, HTML, and JavaScript.**
* Good understanding on Server-side JavaScript structures like **Node JS and Express JS**.
* Expertise in Spring framework, extensively used **Spring Dependency Injection, Spring AOP, Spring JDBC templates and Spring MVC.**
* Expertise in using **Hibernate**, extensively used Entity Class Associations, Criteria Queries and Projections.
* Expert in coding using core java concepts like **Multithreading, Collections, Serialization, Synchronization, Exception Handling and Database connections.**
* Experience working with **SOAP and Restful Web Service**.
* Good work experience in **RDBMS** such as **MySQL and SQL server** and **NoSQL** Database like **Mongo DB.**
* Implemented a **CI/CD** pipeline with **Docker**, Jenkins and GitHub by virtualizing the servers using Docker for the Dev and Test.
* Having hands on experience in deploying web **and J2EE enterprise applications on WebSphere**, **Tomcat.**
* Experience with **AWS** Cloud formation and launch configurations to automate repeatable provisioning of AWS resources for application with strong hands-on experience with AWS solutions using **EC2, S3, RDS, Elastic Load Balancer, Auto Scaling groups, Lambda, API Gateway and EBS services.**
* Worked with **Jenkins under the CI/CD pipeline** providing continuous improvement to Agile software development teams.
* Extensive experience in **Unit Testing, System Integration Testing, Integration Testing and Performance Tuning**.
* Good experience in writing **Test Case Scenarios using Junit and Mockito.**
* Experience in utilizing **Log4J** for logging messages like **Debug** and Error for better tracking of the application.

**Technical Skills:**

**Languages**: JAVA, C, C++

**Frameworks:** Spring boot, Spring IOC, Spring AOP, Spring MVC, Spring ORM), HIBERNATE, JPA, JMS

**J2EE Technologies**: HTML5, CSS, XML, JavaScript

**Database:** MySQL, SQL, MongoDB

**Cloud:** AWS

**Servers:** Apache Tomcat, AWS EC2, WebLogic

**Testing/control tools:** Build tools (MAVEN, GRADLE), Logging tool (LOG4J), Version Control (GIT, SVN)

**IDE:** Eclipse, IntelliJ IDEA

**Professional Summary:**

**Java Backend Developer | FNBO, Remote | Aug 2022 – Present**

**Responsibilities:**

* Followed **Agile Methodology (Scrum**) to meet **customer expectation, timelines with quality deliverables**.
* Extensively used the core-concepts of java such as **Stream API, Multithreading. Exception-handling and Collections for business logic development.**
* Used Microservices architecture with **Spring Boot** based services interacting through a combination of **REST and Apache ActiveMQ message brokers.**
* Used the application using **Spring Framework Spring MVC, Spring IOC, Spring AOP, Spring Boot** and handled the **security using Spring Security**.
* Developed **Restful web services** architecture using **Rest APIs**.
* Integrated JAVA EE technology **Spring MVC** with **Hibernate** for the persistence layer access for mapping to the tables in the **Oracle 12c Database**.
* Used **Hibernate**, **object/relational-mapping (ORM) solution**, technique of mapping data representation from **MVC model** to **Oracle Relational data model** with SQL-based schema.
* Collaborated on GitHub for version control in building AWS services with other engineers in implemented **Aero-Gov-Cloud.**
* Worked based on software development lifecycle **(SDLC**) to test the functionality and performance of an application (API’s) under product-like circumstances and data to replicate live settings.
* Experience in CI/CD pipelines to integrate the Java code to align with DevOps using **Docker.**
* Created and consumed **SOAP web services**, for **secure retrieving** and consumption of patient data.
* Extensively used the **JavaScript and Query plug-in** to fetch and display the data on web pages and create interactive features in the application. Worked with jQuery concepts like selectors, and filters.
* Developed the **DAO layer** for the application using **Spring Hibernate** and developed various business logic and reports using HQL and Hibernate Criteria.
* Implemented to reprocess the failure messages in **Kafka** using offset id.
* Manage **AWS EC2** instances utilizing **Auto Scaling, Elastic Load Balancing and Glacier** for our QA and AT environments as well as infrastructure servers for **GIT and Chef**.
* Developed code in Java, J2EE, Webwork and Hibernate using XP Practices , **TDD**, Continuous Integration.
* Development of code using JSP code, HTML, CSS**, JavaScript** libraries such as JavaScript, Vue.js, jQuery, Prototype plus relevant coding standards.
* Developed **JUnit test cases** for **DAO and Service Layer methods** for all the developed modules.
* Hands on Experience in C**, C++ and Linux** Shell Programming.
* Worked on **MongoDB** and wrote code on find, update, save, insert data.
* Worked with **Eclipse** as the IDE to develop, test and deploy the application and used IBM Web Sphere application server on building and deploying the war file into application server.
* Working on the development of a cloud based multi-media applications streaming platform using C++ and Java **under Linux environment.**
* Integrated **Swagger UI** and wrote integration test along with **REST** document.
* Worked on **Automating the CICD** pipeline and blue green deployment.

**Environment:** JAVA 8, Rabbit MQ, JSON, Spring Boot, Spring Hibernate, Swagger UI, Microservices, RabbitMQ, RESTful web services, Web Sphere, SonarQube, Jenkins, Agile/Scrum Methodology, Maven, JIRA, JUnit, MongoDB, Git.

**Java Developer | Sonata Software Ltd, Hyd, India| July 2019 – April 2021**

**Responsibilities:**

* Involved in gathering and analyzing business requirements and converting them into technical specifications.
* Developed components of J2EE architecture such as **SP, Servlets, HTML, CSS, ISTL, JavaScript, Client-side** validations done using JavaScript.
* Used **J2EE** Design patterns like **MVC, Spring, Action Form, Form Bean and DAO** to application design.
* Developed functions to export the data to access the data exposed by the web service using **SOAP and REST.**
* Integrated **J2EE** with the database using **JDBC in DAO Layer.**
* Involved in **group meetings** with managers, team members in **designing, implementing, and testing**.
* Used **Log4j** for **debugging**.
* Extremely worked on **TDD** framework using **Junit**.
* Used Microsoft Visio to create **UML diagrams**.
* Prepared **unit test plans** and unit test cases documents **Mockito** and **JUnit** test cases to improve code coverage.
* Used Packer to build golden AMI for Windows and Linux instances both **for Gov Cloud** and the Commercial environments.
* Performed testing and validation in the test system by preparing test cases and to perform **UAT** before moving the change to Live.
* Worked in **Node**.**js** based microservices.
* Designed and developed RESTful Web Services using **Node.JS**.
* Developed a server-side application to interact with database using **Node.JS**.
* Configured the **Hibernate** configuration files to persist the data to the **Oracle Database**.
* Used **JDBC** for communicating with MySQL database. Created& implemented SQL queries, Stored Procedures, triggers for retrieving the data from database.
* Involved in configuration management setup using CVS repository and build management using ANT.
* Developed the online web application using HTML/CSS & **JavaScript,** Angular.js /Angular4/5, Vue js, **Nodejs**.
* Involve in Enhancement of legacy components in **C++.**
* Tested the performance of our API using **SoapUI, Postman,** and **JMeter**.
* Worked in an **Agile** based development environment and participated in Retrospective, Scrum session for better understanding, communication among team members.

**Environment**: JDK 1.8, Maven, RESTful Web Services, HTML5, JavaScript, jQuery, Ajax, Node.js, SoapUI, Postman, API Life Cycle, JUnit, JMeter, Git, JIRA, Agile.