**KAILASH BAKKI**

**Professional Summary:**

* A seasoned IT professional with 3 years of experience in C++ Standalone Application, Application backend – C++, Application Frontend – MFC, Manual Development.
* Experience in developing Web Application Services using Technologies like Core Java, JDBC, Servlets, Hibernate, Spring core, Spring MVC, Spring Boot Micro services, Spring web flux, Spring Cloud, SOAP/ Restful web services, Maven.
* Have knowledge on J2EE, UML and OOAD concepts.
* Design and Architecture of scalable & high-performance software products using modeling techniques and software design patterns.
* Strong knowledge of structured analysis, design and programming techniques and development methodologies and have ability to identify, define and develop right standards, process and IT governance.
* Experience in developing Web Application UI using Technologies HTML, CSS, Angular 7.0
* Working experience on database connections with MSSQL, MySQL respectively.
* Experience in using Git for source control system.
* Working Knowledge on Docker, Kubernetes.
* Knowledge on Kafka and Rabbit MQ
* Worked in Agile methodology and have experience using Microsoft TFS
* Having hands on experience in handling Use Cases, Functional Specification, Knowledge Transfers and Business Analysis.
* Good working knowledge on Application development and maintenance projects.
* Proficient in Analyses and design documents.
* Ability to learn new technologies with minimal time.

**Technical Skills:**

* Programming : CORE JAVA
* Process : Agile, SDLC
* Paradigms : OOPS, UML and MVC
* Frameworks : Spring (Boot, Cloud, MVC, Data, Security, WebFlux), Hibernate
* Cloud : OpenShift, Spring Cloud, Eureka, Ribbon, Netflix Hystrix, Zulu
* Container : Docker and Kubernetes
* Messaging Queue : Kafka, RabbitMQ
* Web Frameworks : Spring, Angular7.0
* Front End : HTML, CSS, JavaScript
* Test and Junit : JUNIT4.0, MOCKITO
* Database : MSSQL, MySQL
* Others : Postman, Putty, GitHub
* Build : MAVEN
* IDE : VS CODE, ECLIPSE, STS and INTELLI

**Certification:**

* Machine Learning with Python & IBM DSX
* Planning to complete AWS associate solution Architect certificate
* Planning to complete Kubernetes Application Developer certificate

**Project Experience:**

**Project# 1:**

**Think NXT Project Charter Experience – Currency Exchange Portal**

**Role:**

**Duration: 4 weeks**

Description:

To build a portal to perform currency conversion. Customers want to perform currency conversion feature from their account page. This portal acts as the landing page for the customer who is willing to convert their currency from their accounts. Super User will be able to manage the customer profile and their accounts.

Responsibilities:

* Initialized the project by analysis the requirement and created the DB Scheme diagram and relationship between tables.
* Implemented the Transaction part and use rest template to connect with Currency rate open API.
* Implemented JWT for securing REST endpoints.
* Adopted DevOps practices including CI/CD, Test Automation, Deployment automation, etc.,
* Technical Design reviews and Code Reviews using Sonar lit and code coverage.
* Identified Key Performance Metrics and developed Performance Testing framework using JMeter
* Requirement Analysis and preparing design document.
* Involved in writing Junits using Mockito.

**Project# 1:**

**Diagnosis Prognosis Health Monitor – Aircraft convertor**

**Role: IC**

**Duration: 28 months**

Description:

Developed desktop application for Aerospace project for client P&W. P&W is an aerospace manufacturer with global service operations. P&W aircraft engines are widely used in both civil and military aviation.

As a part of this project complete details of monitor health of aircraft engine which fetch through device connected to aircraft. Process that data to users working in aviation field.

Responsibilities:

* Involved in the backend aircraft conversion.
* Implemented new features of aircraft engine to existed application in front end.
* Integrated feature for users to effortlessly access aircraft information.
* Conduct integrated testing on hardware component send the application as setup zip file with test inputs.
* Developed using C++, MFC framework for front end development.
* Involved in writing test case scenarios.

**Qualifications:**

**BTech Computer Science and Engineering 2015-2019**

**Keshav Memorial Institute of Technology, Hyderabad.**