SAMYUKTHA REDDY

Manchester, CT 06040 | C: 610-496-1432 | E: pallisamyuktha12@outlook.com

Portfolios

- https://samyuktha-reddy.github.io/
- linkedin.com/in/samyuktha-reddy-3ba0a5195/
- https://github.com/samyuktha-reddy

Summary

A highly motivated Software Engineer actively looking for "Java Full-Time Positions" with 2 years of experience in Application Development focused on Java/J2EE frameworks. Skilled in leading Innovative and Performance-Driven Software Development Life cycle models with highly accomplished academic profile.

Skills

Languages: JAVA/J2EE, SQL, Python

Frameworks: Spring Boot, Spring MVC, Spring Cloud, Spring Batch, Hibernate, Logging

Microservices: Eureka/Netflix, Zuul, Config Server, Openfeign

Servers & Containerization: Apache Tomcat, Wildfly, OpenShift, Docker, Kubernetes

Databases: Oracle, Postgres SQL

Web Technologies: HTML5, jQuery,CSS3, JavaScript, ReactJS, JSP, Servlets.

Tools and IDE: STS, IntelliJ, Eclipse, NetBeans, SQL Developer, PG4Admin, Postman, SOAP UI, Putty

Source Control: SVN, GIT. Maven, Bitbucket Agile Methodologies, Waterfall methodology

Experience

SOFTWARE DEVELOPER | 06/2015 to 10/2016

Tata Consultancy Services - Manchester, CT

Designed and developed the end to end application using Spring MVC framework and Spring AOP components for intercept function calls. Used a Micro-services architecture, with Spring Boot based services interacting through a combination of REST and Spring Boot. Designed and developed web pages using HTML5, CSS3, Ajax, Bootstrap, and JSP. Expertise in implementing application functionalities using CRUD operations. Hand-on experience in writing SQL Queries, stored procedures, and implemented ORM using Hibernate for Oracle. Followed Scrum/Agile method of Project Management and participated in weekly status and daily stand-ups.

Environment: Java/J2EE, Spring, Maven, Oracle, Wildfly, Jira/Confluence, Agile

Academic Projects

Online Stock Exchange (Spring Boot, MicorServices, Hibernate, Spring Cloud)

A major academic project developed on Microservices and spring Cloud concepts. It has StockExchangeService, UserManagementService and BrokerService. Each service is communicated using REST services. Spring cloud modules including Eureka, Config, Zulu. Each microserivce are developed using SpringBoot framework. Tech-stack like Spring AOP, Spring Core, Spring JPA/Hibernate, Rest API, Swagger, SL4J-LOGs are used.

Distributed-Data-Storage-System(FileEdge, JAVA, Google Protobuf, JBoss Netty, PostgreSQL)

A FileEdge architecture based distribution project aimed to study and. understand the Data Storage and Recovery concepts. Implemented a communication and storage system that provides add, store, delete and update features on files in a distributed network. Also designed a replication strategy that serves as the disaster recovery mechanism that duplicates the primary storage in case of failure. The technologies that we explored in this project are Java for the client and storage servers, Google Protobuf to define the data structure and services to be used for communication, JBoss Netty for asynchronous messaging and PostgreSQL for storage purposes.

Cryptocurrency Trading Web Application (Oracle, Spring, J2EE, JSP, JS)

Designed and Developed a full-size Cryptocurrency trading application. Implemented separate profiles for brokers, clients, and manager. Real-time currency values are fetched from APIs from Virtual profiling using Ajax calls. All the transactions in the trade are recorded for audit purpose.

Education

University of Central Missouri - Warrensburg, MO | Master of Science

Computer Science, Expected in 12/2020

Sree Vidyanikethan Engineering College - India | Bachelor of Science

Electrical, Electronics And Communications Engineering, 05/2015

Certifications

- AWS Certified Cloud Practitioner Certification CLF-C01
- Oracle Certified Associate, Java SE 8 Programmer
- Udemy Certification in Spring and Hibernate Advance Learning
- Udemy Certification in JSP Servlets and JDBC Advance Learning