SHREE MAHALAKSHMI SIVAPRAKASAM
647-574-9723
sashreemahalakshmi@gmail.com

PROFESSIONAL SUMMARY

- Around 5 years of software lifecycle experience in Design, Development, Testing and Production Support.
- Experienced in Java/J2EE technologies: Java 1.8, Java Spring Boot, RESTful APIs, JPA, JUnit, JMS, JDBC, Kafka.
- Excellent understanding of relational databases involved in application development like Oracle, Teradata, MSSQL, MYSQL, familiar with NoSQL Mongo DB.
- Experience in ORM Library with Hibernate for mapping Object-Oriented domain models with relational database management systems.
- Proficient in unit and integration testing using Junit, Mockito, AssertJ, Hamcrest.
- Experienced in developing microservices.
- Good experience of developing/deploying containerized cloud-based applications.
- Extensively followed iterative methodologies such as Agile SCRUM and test-driven development in multi project implementations.
- Experience in working with version control & deployment tools including Git, BitBucket, Jenkins, GitLab, Openshift, Google Kubernetes Engine and docker containers.
- Involved in code review activity with the help of tools SONAR Cube.
- Strongly motivated with Excellent Communication, Presentation, and Problem-Solving Skills and committed to learning new technologies.

WORK EXPERIENCE

Software Developer   **Apr 2021- Present**
Loblaw Companies Limited, Brampton, Canada

- Designed and developed Spring Boot based microservices for performing historical and operational Data ingestion from different SAP sources into Google Cloud Storage (GCS) and updating the documents into Opentext in required format.
- Created Data pipeline in Spring Cloud Data flow (SCDF) for integrating Spring Cloud batch jobs and deploying on Pivotal Cloud Foundry (PCF).
- Experience deploying Containerized Spring Boot application into Google Kubernetes Engine (GKE) and scheduling using Airflow DAGs.
- Hands on experience with tools such as Jenkins and OpenShift container platforms as a CI/CD tool as part of Continuous Integration and Deployment process.
- Ensured the code quality using SonarQube analysis and eliminated the vulnerabilities using White source (Mend) tool.
- Developed Java application to load and fetch ServiceNow related data into Big Query for Incident management.
- Automated multiple data audits to create trends and alerts based on the business requirements using python and Teradata SQL.
- Developed UNIX scripts to monitor missing files and verify the data flow from source to target in Linux servers.

Junior Data Scientist Co-op   **May 2020- Dec 2020**
Samplits, Scarborough, Canada

- Assisted in performing sentiment analysis on customers feedback to improve customer service.
- Collected data about millennials from multiple sources to perform target market segmentation.
- Validated and analyzed gathered data using Tableau, statistical techniques and python programming.

Senior Software Engineer   **Oct 2015- Nov 2018**
Infosys technologies Limited, India
NBN DESG HFC & AUTOMATION- NATIONAL BROADBAND NETWORK, AUSTRALIA.
- Developed Java application for downloading payload from Appian, Raw Data cleansing and validating the payload by implementing around 150 data quality checks.
- Developed Web application to store and update the work status data of all teams to generate weekly status reports and used hibernate in this process.
- Developed Spring Boot applications in microservice and monolithic architecture.
- Developed Rest API using Java for various projects.
- Prepared Unit Test Plans and Junit test cases for the developed spring rest services.
- Implemented micro services and API gateway using Zuul and Eureka.
- Implemented two-way encryption using internet security protocol (SSL) for the microservice application.
- Hands on experience in front-end interface development using HTML,CSS, JavaScript, and AJAX.

EDUCATION

Cloud Computing for Big Data, Post Graduate Diploma (GPA 3.61 – Dean's Honor list)   **Jan 2019 - Aug 2020**
Lambton College, Toronto, ON
Electrical and Electronics Engineering, Bachelor of Engineering   **Jun 2011 - Apr 2015**
Anna University, Chennai, India

CERTIFICATION & TRAINING

- Red Hat OpenShift workshop - Containers and Kubernetes for Developer
- Google Cloud Fundamentals: Core Infrastructure