Aharnish Solanki

github.com/Ahar28 aharnish.netlify.app linkedin.com/in/aharnish-solanki ahar2899@gmail.com

EDUCATION

Dalhousie University Jan 2023 - Aug 2024
Masters of Applied Computer Science *Current GPA: 3.83/4.0*

Maharaja Sayajirao University of Baroda June 2017 - May 2021
Bachelors in Computer Science & Engineering *GPA: 3.61/4.0*

SKILLS

Programming Languages: Java, C/C++, Python, JavaScript, Kotlin
Database: MySQL, MongoDB, DynamoDB, Firestore
Framework & Libraries: Spring, Hibernate, React, Node.js
Cloud & DevOps tools: AWS(Lambda, SNS, VPC, API Gateway, CloudFormation, Step Function), GCP(Kubernetes Engine, Cloud Run, Cloud Build), Git, Docker, Kubernetes, Terraform
Concepts & Practices: SOLID Principles, CI/CD, Test-Driven Development, System Designs and Patterns, Agile Methodology (SCRUM)

EXPERIENCE

Uffizio | *Associate Software Engineer* June 2022 – Oct 2022
- Developed Java applications in Linux OS environment leveraging MySQL databases and implemented RESTful APIs
- Developed dynamic front-end interfaces with HTML, CSS, and JavaScript, ensuring a seamless and intuitive user experience.

Hitachi Energy | *Management Trainee* Oct. 2021 – June 2022
- Developed and maintained dynamic web applications using Java and Spring MVC, focusing on robust functionality & user-centric design.
- Designed and implemented RESTful APIs, enabling efficient front-to-back communication and data exchange.
- Applied SOLID principles rigorously to ensure modular, maintainable, and scalable code architecture.

PROJECTS

Tripify | *Spring Boot, MySQL, GitLab CI/CD, Docker, React*
- Developed a full-stack web application using Spring Boot and React for interactive trip planning and authenticated by JWT
- Executed CRUD operations on MySQL database, tightly integrated with backend API services. Orchestrated CI/CD using Docker and GitLab Runner
- Applied Test-Driven Development, SOLID principles, and design patterns to maintain high code quality, achieving 83with JUnit and Mockito

Table Reservation App | *Serverless (AWS, GCP), React, NodeJS, CI/CD, Docker*
- Developed a table reservation application with secure user authentication via Google Firebase
- Utilized AWS Lambda in Node.js, incorporated AWS Lex for chatbot functionality, AWS SNS for notifications, with data storage in Google Firestore
- Enhanced deployment and CI/CD processes on GCP CloudRun, significantly improving infrastructure efficiency and stability

Dal Portal | *Kotlin, Google Firestore*
- Developed a dedicated mobile application for Dalhousie University by implementing a scalable MVVM architecture to streamline the management of teaching assistants and markers, using Kotlin and Firebase
- Integrated role-specific dashboards, a job portal, task management, communication tools, and resource sharing to enhance academic collaboration and efficiency.

Image Labelling | *Cloud (AWS EC2, lambda, Amazon Rekognition, Cloud Formation), React, Node Js*
- Developed a simple web-based application to let users upload and detect labels (objects and concepts) in an image. Hosted the application on AWS EC2, stored the images on s3 bucket, used aws lambda to process and aws Rekognition sdk for image labeling
- Used CloudFormation for creating and scalability of all the AWS services.