JANVI PATEL

Halifax, NS | (902) 989 7237 | Linkedin |patel.janvi23798@gmail.com | Github | Portfolio

EDUCATION

Dalhousie University, Halifax, Canada | GPA- 4.4/5   *Sept. 2021 - present*
Master in Applied Computer Science

Gujarat Technical University, India | GPA- 9.48/10   *Aug. 2016 - Aug. 2020*
Bachelor in Information and Communication technology
Achievements: Smart India Hackathon-19 runners-up, GHCI-19 Scholarship, International Tech Talks, Mentoring Interns
Relevant Coursework: Data Structures and Algorithm, Object Oriented Programming, Web Technology, DBMS

SKILLS

Programming Language: Java, C#, Javascript, TypeScript, Python, C, C++
Framework: .Net core, .Net Framework, Spring, Angular, React.js, Express.js, Node.js, Bootstrap
Databases: SQL, PostgreSQL, MongoDB, DynamoDB, S3, Firestore, Firebase
PaaS offering/products: AWS, GCP, Docker, Tableau, PowerBI
Other tools/concepts: SDLC, Design Patterns,Jenkins, Jira, DataDog, JFrog, Kibana, Fiddler, Postman, Docker

PROFESSIONAL EXPERIENCE

Canada Revenue Agency, Halifax, Canada | Software Engineer Co-op   *Jan 2023- Present*
- I am modernizing systems by developing a real-time processing app with improved frontend and backend to increase efficiency by 70%.
- Implemented notification feature for notifying users regarding taxation file information.
- Created features using Angular, Java, and Jersey for sharing electronic information with taxpayers.

Thomson Reuters, Gujarat, India | *Associate Software Engineer/Intern*   *Dec. 2019 - June 2021*
Linkedin featured recognition for the best intern, batch 2020
- Implemented the accounting microservices in .NET framework and consumed from Angular module
- Upgraded feature flow and user experience using RabbitMQ and AmazonS3 to make an asynchronous system, resulting in a seamless user experience and a 10% increase in customers.
- Migrated existing features from AngularJS to Angular for efficient integration, leading to a 20% hike in sales
- Adapted Test-driven development resulting in 95% efficiency in testing and product feature deployment
- Implemented robust authentication microservices and integrated ONVIO with Xero using OAuth 2.0
- Refined business requirements and engineered a solution using .NET Core and Angular with technical diagrams

ACADEMIC PROJECTS | More projects on Github

Build a web app connecting donors and NGOs | Tech Stack: React, Express.js, Node.js, Cloud (AWS) | Github
- Provisioned and Configured AWS Cloud Infrastructure with necessary services for web application
- Created User Pools for Admin, NGO, & Donor in AWS Cognito for Authentication and Access Control
- Implemented Auto Certificate Verification using S3, Lambda, and AWS textract
- Executed a Simple Email Service with Lambda for User registration and NGO verification
- Implemented voice-to-text conversion for Donor using AWS Transcribe
- Deployed NodeJS and ReactJS application on Elastic Beanstalk using CloudFormation

Web app for explorers with real-time location updates and trip planning | Tech Stack: Angular, SpringBoot | Github
- Implemented Single sign-on (SSO) and JWT authentication module for the system by integrating Google's OAuth 2.0 with angular and spring boot
- Deployed mono repo web application on Heroku with a customized script by creating GitLab CI/CD Pipeline, triggering on change in Backend and Frontend respectively real-time
- Employed real-time data updates using firebase and stored constant data using PostgreSQL
- Achieved Test-Driven Development by writing JUnit Test Cases
- Delivered high-quality software following SOLID principles, cohesion, coupling, code refactoring, and cleaning techniques. Implemented Code Quality Pipeline resulting in 95% of code quality by resolving code smell

Serverless Halifax Foodie Multi Cloud Based Application | Tech Stack: Python, AWS, Node.js, React.js | Github
- Engineered a Multi-Cloud based serverless hotel management application with backend hosted using **Cloud Functions** and **Lambda** while frontend hosted on Cloud Run
- Implemented in-app notification and chatting system using **GCP Pub/Sub** & **Firestore** in the backend
- Implemented Authentication and Authorization nodule using **AWS Cognito** and **AWS Amplify**
- Built **Chatbot** using **AWS Lex** to book rooms and post feedbacks

'Step to learn' Progressive Web App for better learning | PostGreSQL, ChakraUI, NestJS, ReactJS, ExpressJS|Github
- Designed a Database Schema using PostgreSQL to achieve data integrity and manage large dataset
- Developed an application that renders feed posts and mail notifications using NestJS and ExpressJS
- Designed frontend using ChakraUI and ReactJS with web design principles for a responsive seamless experience