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EDUCATION

Dalhousie University

Master of Applied Computer Science (GPA: 4.15/4.3)

Sept 2023 - Apr 2025

Halifax, NS, Canada

Coursework: Advanced Topics in Software Development, Serverless Data Processing, Advanced Cloud Architecture, Cloud Computing, Data Warehousing and Analytics, Advanced Web Services.

Gujarat Technological University

Bachelors of Computer Engineering (CGPA: 8.58/10)

Aug 2016 - Aug 2020

Ahmedabad, GJ, India

Coursework: Data Structures, Analysis and Design of Algorithms, Database Management Systems, Advanced JAVA, Artificial Intelligence.

TECHNICAL SKILLS & CERTIFICATIONS

Certifications: AWS Certified Cloud Practitioner, AWS, January 2024 [🔗](#), Machine Learning, Stanford University, March 2019 [🔗](#)

Programming Languages: Java, JavaScript, TypeScript, Python, SQL, C, C++.

Frameworks: Spring MVC, Spring Boot, React, Angular, Serverless, Express, Node.js.

WWW Technologies: HTML5, JSON, REST APIs, CSS3, JQuery, XML, SOAP.

Testing Frameworks: JUnit, Mockito, Jasmine, Jest.

DevOps: Azure DevOps, CloudFormation, Terraform, CI/CD, Microservices, Git, Jenkins, Docker, Kubernetes.

Automation Tools: Microsoft Power Automate, Cypress, Selenium.

Applications: Jira, Postman, Tableau, Confluence, Swagger, MS Office Suite.

Databases: MySQL, AWS DynamoDB, AWS RDS, MongoDB, GraphQL.

IDEs, SDKs: IntelliJ, VS Code, Eclipse, Sublime, Vi/Vim, Bash, Linux, MacOS, Windows.

Cloud Services: Amazon AWS, Microsoft Azure, Google GCP, Kubernetes.

Methodologies: Agile, SDLC, TDD, SOLID.

EXPERIENCE

Thomson Reuters

Dec 2021 – Aug 2023

Associate Software Engineer

Ahmedabad, GJ, India

- Developed and implemented new features for a web product called Onvio using Angular, Jasmine, MySQL and AWS significantly enhancing system functionality and performance.
- Contributed to the development and maintenance of Ultratax, a desktop product, using C++ where I was able to reduce the product backlog by 15%.
- Implemented extensive unit tests suites with Jasmine, boosting code coverage to an impressive 88% and ensuring thorough validation of key functionalities.
- Developed and optimized PowerShell automation scripts for Azure DevOps, reducing manual workload by 40%.
- Worked in cross functional teams and conducted thorough code reviews and offered effective solutions for identified issues, while providing support and guidance to team members.

Zealous System

Nov 2020 – Dec 2021

Business Analyst

Ahmedabad, GJ, India

- Collaborated with clients and stakeholders for business requirement gathering and analysis.
- Defined detailed scope of work for new projects, documented the change history and communicated with stakeholders to make sure everyone is on the same page, reducing project misunderstanding by 25%. Created wireframes using Balsamiq to explain system flow to developers and analysts.
- Independently managed few projects from end to end ensuring timely delivery resulting in a 15% increase in client satisfaction.

PROJECTS

TradeCards | Java, Spring Boot, JUnit, React, Docker, Kubernetes, CI/CD, Firebase and MySQL. [🔗](#)

- Spearheaded backend development for TradeCards project, leveraging Spring Boot to architect robust REST APIs and utilizing MySQL for database management.
- Applied principles of Test-Driven Development by implementing comprehensive unit testing procedures to have value driven outcomes and ensure code quality and reliability throughout the development lifecycle.
- Utilized Docker and Kubernetes for containerization and orchestration of CI/CD pipeline in deployment processes, contributing to enhanced efficiency and automation

Note9 | React, Docker, AWS EC2, DynamoDB, S3, AppSync, CloudFormation, API Gateway and Cognito. [🔗](#)

- Developed a notes application using React for the frontend and hosted it on AWS EC2 instances.
- Leveraged various AWS services including DynamoDB for database storage, S3 for image storage, and AppSync for GraphQL APIs.

- Implemented Infrastructure as Code using AWS CloudFormation for resource provisioning.

QuickHire | React, Material UI, Express, MongoDB and Stripe. [🔗](#)

- Developed front end and back end for QuickHire platform, using React for the front end and Express for the back end.
- Implemented APIs to interact with MongoDB database to store and retrieve data.
- Integrated third party API (Stripe) for payment gateway, enabling secure payment transactions on the platform.