

Arsalan Farooqui

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Skills

Frontend : JavaScript/TypeScript, React, Redux, React Native, Angular, NextJS, NestJS

Backend : Node.js, Java, Python, Spring Boot, Express.js

Cloud : AWS (Lambda, DynamoDB, S3, CDK, SNS, SQS, Cloudwatch), Firebase

Other : MySQL, GraphQL, MongoDB, Redis, Docker

Experience

Slalom_build

Software Engineer

Toronto, ON
Sept 2020 - Present

Fairstone Financial

Full Stack Engineer | React, Redux, Typescript, AWS (Lambda, Cloudwatch, SQS, CDK, SNS, DynamoDB)

- Delivered redesign of loan application and implemented vendor white labeling using React + Redux, improving user experience and reducing drop off rate by 10%
- Designed event-driven alarm monitoring service to triage Lambda errors using SQS, SNS and AWS Lambda, significantly increasing triage team productivity
- Drafted architecture design document detailing technical solution for white labelling of key financing application and integration with Contentful
- Modularized auth and crediting services into smaller AWS Lambda Typescript micro-services, improving scalability and speed of application

Rose Rocket.

Backend Engineer | Typescript, Node.js, NestJS

- As primary developer, built a highly performant tariff calculation engine, improving calculation speed from legacy engine by 60%
- Engineered low-level design for the core engine, focusing on data modeling, detailed service interactions, and algorithm optimization.
- Collaborated with product team on high-level design to decompose calculation services, enhancing code reusability and maintainability
- Implemented data validation in middleware using NestJS to optimize and limit redundancy in automated testing suite

AT&T

Full Stack Engineer | Angular, Typescript, Java, Spring Boot, SQL

- Delivered refactor of Angular/Java network orchestration portal to manage physical and cloud network resources
- Implemented asynchronous VLAN orchestration in Java and SQL used to sync VLANs with internal partner portal, enhancing data consistency and VLAN cleanup, while improving regression testing process
- Developed dashboards for Cloud Service Providers in Angular, interfacing with backend infrastructure services to manage cloud resources
- Operated as subject matter expert on portal infrastructure management to onboard and mentor five new developers

George Brown College

Database Administrator Intern | MySQL, VBA, MS Access

Toronto, ON
April 2019 - April 2020

- Sole developer for student awards database system for the Financial Aid Office using MS Access, VBA, MySQL and Excel
- Automated generating awards information for college website by creating SQL driven template in VBA, accelerating workflow for clerical team by 100+ awards per semester
- Created GUI using MS Access Forms and MySQL that allows for viewing award information, making reports and generating analytics

Projects

Generative AI Microsite Builder | React, Typescript, Node.js, Python, OpenAI

- Internal Slalom initiative to develop AI website generator based on pre-configured templates
- Implemented web scraping and natural language processing micro-services to improve user accessibility in site experience

Education

George Brown College | Computer Programmer Analyst - GPA: 3.37

April 2020