

Ferrel Anthoni

ferrelanthoni@gmail.com Portfolio GitHub (778) 318 -2372

EXPERIENCE

Software Quality Engineer

Dec 2022 - Present

Trulioo Information Inc. (Trulioo.com)

- Developed a scalable API testing framework using Cypress, Postman and JavaScript - integrating it with GitLab CI/CD and TestRail for post-deployment automated test execution and test reporting.
- Built, integrated, and collaborated with team members on Reservation Service application to parallelize integration tests and reduce execution time by 92% (3 hours to 15 minutes)
- Improved environment reliability by 80% by implementing Cypress for UI integration tests in MicroFrontEnd services.
- Validated data integrity and accuracy across backend services by writing complex SQL queries in MySQL to verify database transactions.

Software Engineer, Full Stack

Apr 2022 - May 2022

BNW Travel Management (BNWTravel.com)

- Developed and integrated a feature in Next.js and React.js with TypeScript that enables business users to create accounts and set up recurring payments via the Stripe backend API.
- Optimized fare search UI rendering by ~67% (reducing load time from 1 minute to 20 seconds) in a Next.js and React.js application by filtering similar fare results and leveraging cached queries from the MongoDB backend.
- Implemented CI/CD auto-deployment to production using GitHub and Vercel, ensuring seamless and efficient releases.

EDUCATION

Bachelor of Applied Science

Sep 2020 - Mar 2026

British Columbia Institute of Technology

PERSONAL PROJECTS

Software Engineer, Full Stack

May 2022 - Oct 2023

RateMyImmiConsult.web.app

- Designed and developed a rating web app with a React.js UI and a RESTful API built using Express.js and MongoDB.
- Deployed and hosted the application using AWS EC2, Elastic Beanstalk, and Firebase Hosting, integrating CI/CD automation with AWS CodePipeline for seamless deployments.