MOE ZALZALE

Software Developer

moezalzale@gmail.com
(613) 413-1743
linkedin.com/in/moezalzale
github.com/MoeZalzale
moezalzale.vercel.app

EDUCATION

Bachelor of Computer Science
Carleton University
2016 – 2020

SKILLS

- React
- TypeScript / JavaScript
- Python
- C#
- Node.js
- SQL
- GraphQL
- Redux
- Selenium
- Azure DevOps
- Visual Studio
- Git
- HTML / CSS
- Tailwind CSS
- Material UI

WORK EXPERIENCE

Citizenship and Immigration Canada

Software Developer
Sep 2022 – Present

- Developed scripts to automate manual test cases for web applications which reduced test execution time from 40 minutes to 10 minutes per test case which led to a 60% increase in test coverage.
- Boosted efficiency and runtime of existing scripts by at least 10% through implementation of key programming practices such as code refactoring and optimization of data structures which resulted in a 15% decrease in script failures.
- Led and managed a team of 5 developers in creating scripts to effectively validate new functionality, ensuring adherence to project timelines and quality standards for successful delivery of high-quality scripts.

Quality Assurance Tester
Sep 2020 – Sep 2022

- Tested functionality, performance, and compliance of production components against design specifications to maintain strong development standards and high customer satisfaction.
- Constructed test cases based on new software implementations to be manually tested on internal government programs.

PERSONAL PROJECTS

Twitch Clip API

- Developed a full-stack web application that fetches, stores, categorizes, and displays popular video clips from the Twitch API.
- Identified and solved a content limitation problem on Twitch.com by implementing categories for each video clip retrieved from the API, providing users with clear and organized access to relevant content.
- Utilized: React, JavaScript, Python, Django, PostgreSQL, Framer-Motion, Tailwind CSS, Heroku

eCommerce Store

- Built a full-stack web application that utilizes a relational database to effectively maintains sellers, items, and a shopping cart.
- Optimized API usage by implementing advanced technologies to improve application speed and efficiency, resulting in a 50% reduction in API response times, a 90% decrease in data size per API call, and a 60% increase in overall application performance.
- Utilized: React, Next.js, TypeScript, Tailwind CSS, PostgreSQL, GraphQL, Material UI