

# MOE ZALZALE

Software Developer

moezalzale@gmail.com

(613) 413-1743

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 test scenarios on web applications which enhanced testing speeds by 50%.
- Improved efficiency and runtime of existing scripts by at least 10% through implementation of key programming practices.
- Ensured coworkers' code is functional and clear by participating in code reviews and providing beneficial input.
- Leveraged knowledge in version control using Git and Azure DevOps, as well as writing code in C# utilizing the Selenium framework in Visual Studio.

### 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.
- Trained and mentored new employees on testing strategies, software tools and report-writing to maximize workplace efficiency and organization.

## PERSONAL PROJECTS

### Twitch Clip API

- Developed a full-stack web application that fetches, stores, categorizes, and displays popular video clips from the Twitch API.
- Solved a content limitation problem occurring on Twitch.com by implementing categories for each video clip retrieved from the API and clearly displaying them to the user.
- Utilized: React, JavaScript, Python, Django, PostgreSQL, Framer-Motion, Tailwind CSS, Heroku

### eCommerce Store

- Built a full-stack web application that maintains sellers, items, and a shopping cart, as well as linking items and sellers through a relational database.
- Increased speed and efficiency by implementing key technologies to reduce the amount of API calls and data received per API call.
- Utilized: React, Next.js, React Context, TypeScript, Tailwind CSS, PostgreSQL, GraphQL, Material UI