

ARYAN PATEL

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EDUCATION

McMaster University

Bachelor of Engineering - BE, Software Engineering

Hamilton, ON

Sept. 2020 – Apr 2025

- **3.9/4.0 Cumulative GPA**, McMaster President's Scholarship, Dean's Honour Roll
- Relevant courses: Data Structures & Algorithms, Object-Oriented Programming, Digital Systems & Interfacing

EXPERIENCE

Software Developer Co-op

OpenText

January 2023 – Present

Waterloo, ON

- Backend software developer intern on Applications Team

Software Developer Intern

Amelia - A Hers to Explore Incorporated Company

September 2022 – December 2022

Toronto, ON (Remote)

- Developed scalable features for a networking app made exclusively for women in tech, venture & business
- A focus on **iOS** mobile development
- Worked with UI design team to modify existing app layout to better the user experience
- Programmed in **Typescript** contributing to existing codebase on **Github**
- Automated tests using **Jest** for login, sign-up, logout scenarios resulting in decreased manual testing time
- Designed, built, and tested app components using **React Native** and **Redux** in full stack environment

PROJECTS

Product Inventory Manager | Java, Spring, MySQL, React, CSS

- Developed a full-stack web application for client wanting to manage orders for low stock inventory
- Backend managed with **Java** coupled with the **Spring** framework
- Created and connected **MySQL** database of over 3000 products in order to set up management application
- Frontend UI created using **React** that allowed client to set up orders and update inventory details
- Built custom **RESTful** service with **Spring Boot** that allowed GET, POST, PUT and DELETE actions

PLANNER | JavaScript, CSS, React, Redux, MongoDB, Node.js, Express

- Developed a full-stack web application for storing contact info and planning future appointments
- Used **React** to serve the front-end along with **Redux** as a state management tool
- Implemented a full user authentication system using **JSON Web Tokens** and **bcrypt** for encryption
- Allowed users to sign-in with Google by implementing the new Google Identity Services SDK
- Built backend using **Express** and **Node** to create, read, update, and delete data from the NoSQL database **MongoDB**

Post Pic | Python, HTML, Flask

- Developed an app that allows users to post pictures and comment on other user's posts
- Constructed a **Python** web application using the **Flask** framework, hosting it on **Heroku**
- Allowed authenticated users to create, read, update and delete posts from a **SQL** database
- Leveraged a content delivery network through Cloudinary to deliver posted images where the image URL was stored into the database

Reddit Minimalist | JavaScript, CSS, React, Redux, Reddit JSON API

- Created a minimalist Reddit mock as a front-end only website using **React**
- Displayed posts within subreddits and the comments for individual posts
- Stored and managed fetched data from Reddit **JSON API** using **Redux**
- Utilized Redux and React DevTools to debug the project

TECHNICAL SKILLS

Languages & Libraries/Frameworks: Java, Python, C/C++, HTML, CSS, JavaScript, React, Express, Node.js, Redux, Flask, SQL, Spring, React Native, Typescript

Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ, MongoDB, Heroku, Netlify, Bash, MySQL Workbench, XCode