# ARYAN PATEL

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## EDUCATION

**McMaster University**                                                                      Hamilton, ON
*Bachelor of Engineering - BE, Software Engineering*                          *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

## 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
- Used **Java** coupled with the **Spring** framework to manage the backend
- Created and connected **MySQL** database of over 3000 products in order to set up management application
- Used **React** to manage frontend UI 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*
- Built an app that allows users to post pictures and comment on other user's posts
- Used **Flask** to make a **Python** web application
- Allowed authenticated users to create, read, update and delete posts from a **SQL** database
- Used Cloudinary to deliver posted images through a content delivery network 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
- Used **Redux** to store and manage the fetched data from Reddit **JSON API**
- Used Redux and React DevTools to debug the project

**Spotify Playlist Maker** | *JavaScript, CSS, React*
- Created a front-end website that allows users to login with their Spotify account and create playlists
- Allowed users to search for songs, artists and albums to add to their playlist
- Used Spotify Web API endpoints to fetch **JSON** metadata and displayed the data in a user friendly manner
- Used class components in **React** in order to create an interactive user interface

## EXPERIENCE

**Data Entry**                                                                May 2020 – September 2020
*Rosedale Mini Mart*                                                                                *Sarnia, ON*
- Added key product information to point of sales terminal database
- Created new entries and product deals for to be added to the terminal.
- Accessed information on existing database to transfer to new terminal

## TECHNICAL SKILLS

**Languages & Libraries/Frameworks**: Java, Python, C/C++, HTML, CSS, JavaScript, React, Express, Node.js, Redux, Flask, SQL, Spring
**Developer Tools**: Git, VS Code, Visual Studio, PyCharm, IntelliJ, MongoDB, Heroku, Netlify, Bash, MySQL Workbench