

# Dev Patel

Portfolio | [LinkedIn](#) | [GitHub](#) | [Leetcode](#)

Location: Waterloo, ON

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## EDUCATION

### Wilfrid Laurier University

Bachelor of Science in Computer Science with a concentration in Big Data

Waterloo, ON

Sept 2021 – April 2025

## TECHNICAL SKILLS

- Languages** : Python, Java, C, JavaScript, Typescript, SQL
- Frameworks** : Django, REST, React.js, Vue.js
- Databases** : MySQL, MongoDB.
- Development Tools** : Git, Salesforce, Visual Studio Code, Agile methodologies.

## WORK EXPERIENCE

### Software Developer Co-op

SignAgent

Sept 2023 – Dec 2023

Remote - Burlington, ON

- **Enhanced User Experience:** Spearheaded the development of user-friendly, responsive features in SignAgent's architecture software.
- **Database Efficiency:** Architected innovative back-end solutions to streamline database operations, resulting in substantial time and resource savings.
- **GraphQL Integration:** Introduced new queries to the system, accelerating data retrieval and transmission, resulting in a 40% improvement in application response times
- **Caching Optimization:** Implemented a caching logic system that reduced map load times

### Web Co-ordinator

Wilfrid Laurier University

Mar 2023 – Present

Hybrid - Waterloo, ON

- **Uptime Assurance:** Maintained 100% website uptime.
- **Multi-Department Collaboration:** Collaborated with 7+ departments for customized university websites.

### Software Developer Intern

Manpasand Beverages

May 2021 – Aug 2021

Hybrid - Vadodara, IN

- **E-commerce Platform Development:** Built an e-commerce platform featuring 50+ products using React.js, Node.js, and MongoDB, enhancing online product accessibility and customer experience.
- **Quality Assurance and Knowledge Transfer:** Played a pivotal role in code documentation, testing, and project-specific specifications. Additionally, provided training to the sales team, ensuring they were well-versed in platform functionality to support business objectives.

## PROJECTS

### Helping Hands Mobile App

Java, Android Studio, and Google Maps API

[Source Code](#)

- Developed a user-friendly **mobile application** that connects individuals in need with nearby volunteers, providing safety features such as emergency service contact, SOS alerts, and help requests to ensure personal security and community support.

### Soccer League Application

React, MySQL, Python, JavaScript

[Source Code](#)

- Engineered a Database application to facilitate seamless CRUD operations for a scoring app, Proficiently **Designed Database and implemented relational database skills** to ensure efficient data normalization.

## CERTIFICATIONS

- Full Stack Web Development Bootcamp, Udemy
- CS50 Introduction to Computer Science, Harvard
- Python for Data Science, Coursera