

# 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, SQL,R, VBA,Java, C++  
**Libraries** : Pandas, Scikit learn, Numpy and Matplotlib  
**Databases** : MySQL, MongoDB, MS Access.  
**Development Tools** : Power BI, MS Excel, Jupyter book, tableau, Visual Studio Code, Git.

## WORK EXPERIENCE

### Project Manager

Self Justice

Dec 2023 – Present

Remote

- **Agile Leadership:** Managed a 7-member team, boosting productivity by 30% through efficient 6-week development cycles.
- **Process Optimization:** Implemented scrum methodologies, enhancing project alignment and team performance.
- **Communication Excellence:** Conducted daily one-on-ones and weekly team meetings, ensuring project goals were met.

### 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 Optimization:** Streamlined back-end processes, achieving a 25% increase in database efficiency.
- **Performance Improvement:** Enhanced software responsiveness, resulting in a 40% improvement in application response times.

### Data Analytics Intern

Manpasand Beverages

May 2021 – Aug 2021

Hybrid - Vadodara, IN

- **E-commerce Data Analysis:** Utilized Python, SQL, and Power BI for analyzing sales and customer behavior, significantly enhancing e-commerce platform efficiency.
- **Quality and Data Assurance:** Streamlined data accuracy with a robust cleaning process, fostering reliable decision-making and platform functionality.
- **Data Visualization Innovation:** Developed key data visualization dashboards, driving improved data-driven strategies in e-commerce operations.

## PROJECTS

### Nyc Cab Data Model (Data Analysis and Visualization)

Python, Google Cloud, BigQuery,

[Source Code](#)

- Developed a cloud-based **data workflow and architecture** for analyzing transaction data, identifying peak hours, and exploring net worth growth patterns.

### Student Learner (Machine Learning)

Python

[Source Code](#)

- Implemented a diverse range of machine learning techniques, conducting detailed exploratory data analysis, and integrating advanced statistical concepts to achieve an impressive 92% improvement in model accuracy through innovative **feature engineering and hyperparameter tuning**.

## CERTIFICATIONS

- Full Stack Web Development Bootcamp, Udemy
- CS50 Introduction to Computer Science, Harvard