Dev Patel

Portfolio | LinkedIn | GitHub | Leetcode

Location: Waterloo, ON
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TECHNICAL SKILLS

Languages	:	Python, Java, C#, C++ JavaScript, Typescript, and SQL
Frameworks and APIs	:	Django, Node.js React.js, Vue.js, REST, GraphQL, AJAX, Stripe, Bootstrap and JQuery
Development Tools	:	Git, Docker, MySQL, MongoDB, Jenkins, and AWS .

EDUCATION

Wilfrid Laurier University — Waterloo, ON
Bachelor of Science in Computer Science with a concentration in Big Data — *Sept 2021 – April 2025*

WORK EXPERIENCE

Project Managing Intern, *Self Justice* — Dec 2023 – Present

- **Agile Leadership Excellence:** Directed a team of intern developers, enhancing productivity by **70%** through dynamic 6-week development cycles, substantially exceeding project goals.
- **Innovative Process Optimization:** Integrated scrum methodologies to strengthen project alignment, leading to improved team performance and increased client satisfaction.
- **Strategic Communication:** Facilitated daily one-on-one sessions and weekly team meetings, ensuring strict adherence to project objectives while promoting a culture of open communication and teamwork.

Software Developer Co-op, *SignAgent* — Sept 2023 – Dec 2023

- **Payment Processing Innovation:** Integral in integrating Stripe API, simplifying payment workflows and enhancing transaction efficiency, leading to higher customer satisfaction rates.
- **Database Efficiency Enhancement:** Revamped back-end processes, resulting in a **25%** increase in database efficiency, reducing processing times and improving user experience.
- **Software Responsiveness Optimization:** Improved software response times by **40%**, significantly enhancing user interaction and satisfaction.

Software Developer Intern, *Brandon Consulting* — May 2022 - Aug 2022

- **Versatile Full Stack Development:** Contributed to the design and development of a user-focused job posting web application, greatly increasing user engagement by **50%** and interaction.
- **Backend Infrastructure Innovation:** Developed and optimized back-end systems for job posting features, employing advanced solutions to streamline operations and boost platform performance.
- **Cross-functional Collaboration & Problem-Solving:** Collaborated with cross-functional teams to troubleshoot and resolve complex technical issues, enhancing overall project efficacy and team synergy.

PROJECTS

Stock Trading Web Application — *TypeScript, Express.js, Node.js* — Source Code

- Engineered a trading platform enabling users to execute real-time stock trades. Implemented features for user **portfolio management, order placement, and balance tracking**, integrating complex financial transactional logic to simulate a realistic trading environment.

Nyc Cab Pipeline — *Python and Google Cloud* — Source Code

- Developed a **cloud-based data pipeline** using GCP Storage, Compute Instances, and BigQuery. Engineered the solution with Python and Mage Data Pipeline Tool, emphasizing robust data management and pipeline efficiency.

EXTRA CURRICULAR

- **President**, Laurier Mens Cricket Club
- **Vice President**, Google Developer Club Laurier

CERTIFICATIONS

- AWS Cloud Practitioner, AWS
- Full Stack Web Development Bootcamp, Udemy