

Dhruvin Patel

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Objective

Highly motivated software engineering student with a strong foundation in various programming languages and a keen interest in contributing to the tech field. Eager to leverage academic knowledge and enthusiasm to contribute to the growth of an organization and gain valuable experience in a professional setting.

Summary Of Qualifications

- Proficient in modeling, designing, integrating, debugging, and testing code with a strong foundation in C++, Java, and Python. Demonstrated experience in object-oriented programming, data structure, and web programming through the creation of various projects.
- Solid grasp of problem-solving, complemented by hands-on experience in collaborative development within team setting, showcasing transferable skills applicable to software development.
- Passionate about software development, software engineering, database management, data engineering, embedded systems, AI, and machine learning.
- Familiarity with Agile methodologies for effective project management.
- Understanding of Software Development Life Cycle (SDLC) principles.
- Highly organized, self-motivated, committed to continuous learning and skill application.
- Effective communicator and team player with a track record of enhancing teamwork and organization in project settings.

Technical Skills

Languages: C, C++, Java, SQL, Python, HTML, CSS

Tools: Git, GitHub, VS Code, SolidWorks, Microsoft Office (Word, Excel, Outlook, PowerPoint)

Databases: MySQL

Concepts: Agile methodologies, SDLC, Basic scripting, Database management, Version control

Operating Systems: Linux (Ubuntu), macOS, Windows

Education

- | | |
|--|----------------|
| 1) Bachelor Of Engineering-Software Engineering | Present - 2026 |
| Ontario Tech University, Oshawa, ON | GPA 3.1 |
| 2) Diploma in Electrical Engineering Technician-Control System | May 2019 |
| Humber Institute of Technology and Advanced Learning, ON | GPA 3.4 |

Projects

Personal Portfolio [Github](#)

Sept 2024

- Built a full responsive website using HTML,CSS and JavaScript to showcase projects, enhancing user engagement and visibility.

Criminal Record Management System [Github](#)

June 2024

- Developed a C++ application to manage criminal records, focusing on efficient data storage and retrieval with CRUD operations and enhanced error handling.

Bank Management System [Github](#)

July 2024

- Designed a C++ system simulating an ATM and bank management, ensuring a user-friendly interface with robust error handling and validation processes.

Finance Tracker [Github](#)

Aug 2024

- Created a personal finance tracker in Java to manage income and expenses, implementing real-time data validation.

Weather App [Github](#)

Aug 2024

- Developed a real-time weather forecasting web application using Python, Flask, and Open Weather API, focusing on user-friendly interface design and functionality.

Certificates

C++ Programming Certification - Udemy [Certificate](#)

Successfully completed the C++ Programming course on Udemy, mastering object-oriented programming concepts and advanced techniques.

MySQL Database Certification - Udemy [Certificate](#)

Earned a certificate for completing the MySQL Database course, covering SQL queries, database management, and optimization techniques.

Seize the Moment : Software Development [Certificate](#)

Completed the “Seize the Moment : Software Development Training” Program

Engineering Work Experience

Electrical Assembler | Brampton Engineering

June 2022 - Sept 2022

- Collaborated with supervisors and engineers to assemble and install wiring/components, demonstrating leadership and communication skills.

Assembler | Powersmith

March 2022 - June 2022

- Performed assembly tasks of large units and organized workstations, ensuring operational efficiency and effective teamwork.

Other Work Experience

Subway Food&Restaurant

Sept 2022 - Current

- Trained new members, utilized leadership and communication skills to enhance team performance and customer service.

Hotel Clerk Supervisor | Super 8

Oct 2019 - Dec 2021

- Managed front desk operations, trained staffs, and ensured adherence to safety protocols, improving operational efficiency and customer satisfaction.