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, debugging, and testing code with a strong foundation in C++, Java, and Python.
- Experienced in object-oriented programming and data structures through various projects.
- Solid problem-solving skills with hands-on collaborative development experience.
- Passionate about software engineering, software development, database management, embedded systems, AI, and machine learning.
- Familiar with Agile methodologies and Software Development Life Cycle (SDLC) principles.
- Highly organized , self-motivated, effective communicator and committed to continuous learning.

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
- Dean's List award (Fall 2023)

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 with robust user input validation and exception handling to enhance reliability and user experience.
- Implemented core functionalities for adding, modifying, and deleting records, ensuring efficient management of structured information through a user-friendly command-line interface.

Bank Management System Github   July 2024
- Designed a bank management system using C++ that allows users to create accounts, deposit and withdraw funds, and check balances, ensuring a seamless banking experience.
- Integrated comprehensive input validation for names, account numbers, mobile numbers, PINs, and balances to maintain data accuracy and improve user interaction.

Finance Tracker Github   Aug 2024
- Developed a Java application that enables users to create profiles, track income and expenses, and view transaction history, emphasizing input validation for data accuracy.
- Implemented a user-friendly console interface allowing seamless navigation and management of personal finance, enhancing user engagement and financial awareness.

Weather App Github   Aug 2024
- Developed a Python,Flask web application that retrieves and displays current weather conditions for user-specified cities, featuring input validation and user-friendly error handling for city search.
- Integrated OpenWeatherMap API to fetch real-time weather data, with a dynamic HTML interface that presents weather information such as temperature, humidity, and wind speed.

Certificates

1. **C++ Programming Certification - Udemy Certificate**
   Completed a C++ course on Udemy, mastering object-oriented programming and advanced techniques.
2. **MySQL Databse Certification - Udemy Certificate**
   Earned a MySQL certificate, focusing on SQL queries, database management, and optimization.
3. **Seize the Moment : Software Development Certificate**
   Completed the "Seize the Moment : Software Development Training" Program

Work Experience

Subway Food&Restaurant   Sept2022 - Current
- Trained over 10 new team members, leveraging leadership and communication skills to boost team performance and enhance customer service, resulting in a 10% increase in customer satisfaction ratings.
- Managed and conducted training sessions, and ensured compliance with safety protocols, leading to a 15% improvement in operational efficiency and a 10% reduction in safety incidents.

Electrical Assembler | Brampton Engineering   June 2022 - Sept 2022
- Collaborated closely with engineering teams and supervisors to streamline assembly processes, enhancing wiring and component installation efficiency, resulting in a 20% reduction in assembly time.
- Developed strong leadership skills by mentoring new team members, ensuring adherence to safety protocols and quality standards, contributing to a 95% safety compliance rate.

Assembler | Powersmith   March 2022 - June 2022
- Executed assembly tasks for large units, contributing to a 15% increase in production efficiency through effective workflow organization.
- Implemented a systematic approach to workstation organization, leading to improved teamwork and reduced assembly time.