

Monil Patel

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SUMMARY

A proactive Computer Science student at Conestoga College, looking for a Summer 2025 co-op with hands-on experience developing and maintaining software and strong technical skills in Python, C#/C++, web technologies, and Data/Databases.

EDUCATION

Bachelor of Computer Science (Honours)
Conestoga College

GPA 3.5/4.00
01/2023 - 08/2026 (Expected)

SKILLS

- Languages: Python, Java, C#, C++, HTML, CSS, JavaScript
- Frameworks/Libraries: .NET, RESTful APIs, Django, OpenCV, Pandas, Flask, NumPy, Tkinter
- Data/Databases: MySQL, SQL, NoSQL, PostgreSQL, MongoDB, Power BI, Hadoop
- Testing: Unit testing, Integration testing, System testing, Automation testing
- Technologies: Git, GitHub, AWS, Azure, Docker, Virtualization, Computer Networking(TCP, UDP), UML, Linux, Debian Kali Linux, Windows, Visual Studio, Eclipse IDE, MS Office
- Soft Skills: Troubleshooting, Organized, Communication, Responsible, Problem Solving, Detail Oriented, Independent, Teamwork, Motivated, Efficient

WORK EXPERIENCE

Freelancing, *Toronto, ON*

Jan 2023 - Present

- Designed custom websites for local businesses, creating visually appealing and mobile-responsive online presences.
- Developed tailored solutions for clients, using mainly HTML, CSS, JavaScript, and Python, and C++.
- Created graphic design assets with Adobe Creative Cloud, including logos, banners, and marketing materials.
- Maintained client satisfaction through deadline adherence and ongoing support.

Technical Support Specialist, *Krishiva Tech, Gujarat, IN*

April 2021 - Sep 2022

- Delivered first-line technical support to students and faculty, resolving software, network, and hardware issues.
- Handled 5-10 daily support requests with a 90% customer satisfaction rating.
- Configured campus computer labs and prepared workstations for semester deployments.
- Provided clear, patient technical guidance to non-technical users, which simplifies complex problem solutions.

PROJECTS

National Disaster Alerting System – Push Notification Module

- Developed the Alert Notification and Storage System for the Disaster Alerting System using C# and .NET, which shows the disaster's type, severity, and location, enabling real-time delivery of critical alerts through JSON data structures.
- Collaborated and integrated with backend and UI teams to define, validate, and integrate data structures, ensuring seamless end-to-end delivery of notifications.
- Contributed to a large-scale, multi-team project, integrating individual components into one system across the web (C#, .NET for backend) and mobile (Kotlin for Android) platforms.
- Demonstrated strong teamwork and integration skills, simulating an industry-level agile development process to deliver a fully functional product.
- **Technologies:** C#, .Net Framework

Face Recognition Attendance System

- Developed a facial recognition system that streamlined attendance tracking, improving accuracy and efficiency compared to manual methods.
- Enabled automated attendance marking in an Excel file, saving teachers time and reducing errors
- **Outcome:** My professors use this system to prevent cheating and maintain exam integrity by verifying student identities through facial recognition.
- **Technologies:** Python, "OpenCV, face recognition, and openpyxl library"

MMM Casino Desktop App

- Developed a server-client-based Casino application featuring blackjack and roulette, focusing on user engagement and rigorous system testing.
- Conducted comprehensive testing including unit, integration, and system testing using C# and .NET, ensuring high functionality and performance of the application.
- **Outcome:** Significantly improved user engagement by delivering a seamless, bug-free gaming experience that met all functional and quality requirements.
- **Technologies:** C#, .Net Framework

Web-Based Weather Forecast App

- Created a real-time weather app that provides critical data like temperature, humidity, and wind speeds across multiple cities.
- Enhanced user experience with intuitive search features, a 5-day forecast, and fully responsive design.
- **Outcome:** Delivered an easy-to-use tool that helps users access reliable weather info, improving people's daily planning and weather-related decisions.
- **Technologies:** HTML, CSS, JavaScript