

# Monil Patel

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## SUMMARY

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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, UI/UX, and Data/Databases.

## EDUCATION

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**Bachelor of Computer Science (Honours)**  
*Conestoga College*

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

## SKILLS

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- **Languages:** Python, Java, C#, C++, HTML, CSS, JavaScript
- **Frameworks/Libraries:** .NET Framework, 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/IP, UDP), UI/UX, UML, Linux, Debian Kali Linux, Windows
- **Tools:** Visual Studio, VS Code, Eclipse IDE, MS Office, Virtual Box, VMware, Adobe XD, Figma
- **Soft Skills:** Adaptable, Critical Thinking, Detail Oriented, Independent, Time Management, Work Ethic

## WORK EXPERIENCE

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**Freelancing, Toronto, ON**

*Jan 2023 - Present*

- Designed custom websites for local businesses, creating visually appealing and mobile-responsive online presences, demonstrating attention to detail and problem-solving skills.
- Developed tailored solutions for clients, using mainly HTML, CSS, JavaScript, and Python, showcasing responsibility in meeting unique client needs.
- Created graphic design assets with Adobe Creative Cloud, including logos, banners, and marketing materials, reflecting creativity and organization.
- Maintained client satisfaction through deadline adherence and ongoing support, highlighting communication and teamwork skills.

**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, demonstrating troubleshooting and patience.
- Handled 5-10 daily support requests with a 90% customer satisfaction rating, showcasing efficiency and motivation to meet user needs.
- Configured campus computer labs and prepared workstations for semester deployments, emphasizing responsibility and organization.
- Provided clear, patient technical guidance to non-technical users, simplifying complex problems, reflecting communication and problem-solving.

## PROJECTS

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### 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, reflecting problem-solving and efficiency
- **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"

### **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, showcasing teamwork and effective communication.
- 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 by providing an industry-level agile development process to deliver a fully functional product.
- **Technologies:** C#, .Net Framework

### **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