

SAHIL PATEL

Computer Programming & Analysis Student

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CAREER OBJECTIVE

Detail-oriented Computer Programming & Analysis student with hands-on experience in C#, UWP, and ASP.NET MVC. Skilled in object-oriented design, event-driven programming, and database management. Passionate about building interactive applications and optimizing performance.

TECHNICAL SKILLS

- **Programming Languages:** C, C++, C#, Python, JavaScript, R.
- **Web Technologies:** HTML, CSS, ASP.NET MVC, jQuery, Bootstrap.
- **Database Management:** MongoDB, SQLite, MySQL, SQL Server, Data Warehouse.
- **Frameworks/Tools:** Entity Framework, .NET MAUI, CommunityToolkit.Mvvm, Swagger, Visual Studio 2022, GitHub, UML, WebApi.
- **Data Visualization:** Matplotlib, PySpark.

EDUCATION

Computer Programming & Analysis

September 2023 – 2026

Advanced Diploma– Niagara College

- Focused on software development, system analysis, and database management using industry best practices.

KEY PROJECTS

Gym ManagementSystem(ASP.NETMVC)

- Worked on MVC .net application for Gym Management.
- Technologies Used: C#, Entity Framework, SQLite, MVC Design Pattern.

Choir&VolunteerManagement System Client: [Tomorrows Voices](#)

- Developed a .NETMVC web app for managing Singers, Choirs, and Volunteers.
- Implemented features such as an archival system and bulk data upload via Excel.
- Technologies Used: C#, Entity Framework, SQLite, MVC Design Pattern, Bootstrap.

Project Link: <https://tomorrowsvoices-semicon.azurewebsites.net>

2D Game (UWP) | C#, UWP, XAML

- Developed interactive 2D game with physics engine, collision detection, and dynamic difficulty progression.
- Implemented OOP architecture, state management, and real-time UI rendering for smooth gameplay.
- Applied event-driven programming and optimized algorithms for performance.

WORK EXPERIENCE

Store Associate

November 2023 – Present

Dollarama – Niagara Falls, ON

ADDITIONAL INFORMATION

- **Languages:** English, Hindi, Gujarati.
- **Certifications:** C and C++
- **GitHub Portfolio:** github.com/SahilPatel-02
- **Personal Website:** sahilpatel-portfolio.azurewebsites.net