

Yagna Patel

Greater Toronto Area

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EDUCATION

Sheridan College | Oakville, ON

Sep 2022 – Dec 2025

Advanced Diploma, Computer Systems Technology – Information Systems Engineering

Relevant Courses: Data Structures & Algorithms, Software Process Management, Cloud Computing

SKILLS

Languages & Frameworks: Java, Python, C, C#, SQL, JS, Angular, Spring Boot, .NET, Kotlin, Ionic, Nix, Laravel, PHP

DevOps & Automation Tools: Ansible, Terraform, Packer, Docker, Jenkins, REST APIs

Cloud & Tools: AWS, Azure, GCP, Microsoft 365, Cisco Packet Tracer, Wireshark, VirtualBox, Git, Snipe-IT

Databases: MySQL, PostgreSQL, Oracle, MongoDB, Supabase

Operating Systems: Windows, macOS, Linux (Ubuntu, NixOS), Android

Project Management & Collaboration Tools: Agile, Scrum, Jira, Trello, Figma, Power BI

WORK EXPERIENCE

IT Infrastructure & DevOps Co-op

[Sheridan College – Faculty of Applied Science and Technology](#) | Oakville, ON

Apr 2025 – Present

- Built and tested NixOS environments in **VirtualBox** using **Nix** for internal system development
- Automated provisioning with **Ansible**, **Terraform**, and **Packer**, reducing manual setup time by **40%**
- Tracked and maintained **500+** devices using **Snipe-IT**, supporting audits and improving asset accuracy
- Imaged and maintained lab devices, ensuring reliable classroom tech operations

Associate Technical Consultant Co-op

Aug 2024 – Dec 2024

[MindQuad Solutions Pvt Ltd](#)

- Collaborated with **10+ clients** to gather requirements and develop customized Business solutions
- Configured **20+** data structures, workflows, and approvals, ensuring seamless functionality
- Developed custom logic and reports in **AL**, **C/AL**, and **VS Code**, achieving **95%** client satisfaction
- Tested and debugged **10+ projects**, improving reliability by **35%** and reducing issues

Full-stack Developer Co-op

Feb 2024 – Apr 2024

[Sanskrita Bharati](#) | Mississauga, ON

- Identified and **fixed 50+ critical bugs**, improving UX and boosting site traffic by **30%**
- Designed two **2D games** with **ReactJS** and **Tailwind**, driving **20%** more traffic and engagement
- Conducted code reviews and testing, reducing errors by **25%** and improving stability
- Streamlined deployment with **cPanel**, cutting deployment time by **15%** and improving efficiency

PROJECTS

CareerCraftAI | [Link to Project](#)

Mar 2025

- Built an AI web app in **36 hours** to optimize resumes, LinkedIn, and generate interview questions
- Increased job match accuracy by **30%** with **AI-driven** resume and portfolio analysis
- Automated career recommendations, streamlining job searches and boosting efficiency by **25%**
- Integrated **OpenAI API**, **Perplexity API**, **PostgreSQL**, and **Next.js** for optimal performance

Highlander Simulator | [Link to Project](#)

Jun 2024 – Aug 2024

- Created a grid-based simulation in **C#** with **WPF/UWP**, enabling Highlander interactions
- Applied object-oriented principles, improving maintainability by **30%** and refining code structure
- Tracked simulation outcomes in a database, driving insights for continuous improvements
- Optimized algorithms for performance, reducing execution time by **20%** and boosting efficiency

LEADERSHIP & ACTIVITIES

Director, Board of Directors

May 2024 – Apr 2025

[Sheridan Student Union](#) | Oakville, ON

- Elected to represent **25,000+** students and serve as a voice in college-wide decision-making
- Led **3** initiatives that increased student service usage and campus engagement by **20%**

BearHacks Hackathon - Hacker

Mar 2025

Sheridan College | Mississauga, ON

- Developed an **AI solution** in a team of **3** within **36 hours**, applying technical expertise and teamwork
- Engineered a functional prototype using machine learning to solve a real-world challenge