

Yagna Patel

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Professional Summary

Versatile Software Engineer with almost 1.5 years of experience in full-stack development and automated cloud infrastructure. Awarded for technical excellence among 70+ engineering teams in an industry-judged competition for building high-scale, production-ready systems. Combines executive-level leadership managing a \$65M+ budget with technical expertise to deliver high-impact engineering solutions.

Skills

Software Engineering: Java, JavaScript (TypeScript), Node.js, Next.js, React.js, Python, C# (.NET)

Cloud & Infrastructure: AWS, Microsoft Azure, Google Cloud (GCP), Terraform, Ansible, Docker, Kubernetes

Data Engineering & Analytics: Hadoop, Apache Spark, Kafka, Hive, Power BI, MySQL, PostgreSQL, Supabase, Firebase

DevOps & Architecture: CI/CD (GitHub Actions, Jenkins), Packer, RESTful APIs, Prisma ORM, Git, JIRA, Postman

Professional Experience

IT Infrastructure Analyst (Part-Time), Sheridan College Oakville, ON | Sep 2025 – Dec 2025

- Piloted IaC deployment via **Terraform and Ansible**, optimizing provisioning cycles by **30%**.
- Orchestrated vSphere server configs for Big Data labs, supporting **91+ concurrent users**.
- Streamlined resource allocation via automated scripts, enhancing infrastructure performance by **15%**.

IT Infrastructure & DevOps Co-op, Sheridan College Oakville, ON | Apr 2025 – Aug 2025

- Developed automated CI/CD pipelines via Terraform, achieving a **50% reduction** in latency.
- Synthesized standardized lab images with **Packer**, improving reliability by **20%** and ensuring parity.
- Authored technical documentation for workflows, accelerating team onboarding by **40%**.

Associate Technical Consultant Co-op, MindQuad Solutions Pvt Ltd Remote | Sep 2024 – Dec 2024

- Consulted 7+ enterprise clients to design customized ERP workflows and high-impact BI solutions.
- Built core system modules using **AL**, yielding a **95% client satisfaction rating** for delivery.

Full-stack Developer Co-op, Samskrita Bharati Mississauga, ON | Jan 2024 – Apr 2024

- Resolved 50+ critical software bugs, contributing to a **30% increase** in web traffic via UI stability.
- Crafted interactive 2D applications using **ReactJS and Tailwind CSS**, driving a **20% surge** in users.

Projects

Sugar Cubed Creation | *Next.js, TypeScript, Supabase, Prisma ORM* Runner-up (70+ Teams)

- Architected a microservices e-commerce ecosystem, recognized as the **Runner-up among 70+ teams**.
- Implemented a high-concurrency payment gateway via Square API, maintaining sub-100ms response latencies.

NeuroBank Guardian | *Next.js 16, FastAPI, GPT-4o, Azure Speech SDK* Top 10 Finalist (Hackville)

- Accelerated rapid development of an AI banking concierge, recognized as a **Top 10 project** at Hackville.
- Engineered a **Voice Biometric Security** protocol and **Vector-Based RAG** pipeline for querying.

CloudLAMP Automation | *Terraform, Ansible, AWS, GitHub Actions, Linux*

- Automated a **one-click Cloud LAMP deployment** pipeline using **IaC**, streamlining AWS provisioning.
- Integrated CI/CD workflows via GitHub Actions, reducing manual infrastructure setup time by **50%**.

Education

Sheridan College Institute of Technology, Oakville, ON Sep 2022 – Dec 2025

Computer Systems Technology – Information Systems Engineering (Software Development)

Relevant Coursework: Data Structures, Cloud Computing, Machine Learning, AI, Big Data

Certifications

- [AWS Certified Cloud Practitioner](#) | [AWS Cloud Developing \(Academy\)](#) | [OCI Foundations](#) | [GitHub Foundations](#)

Leadership & Honors

Director, Board of Directors, Sheridan Student Union May 2024 – Apr 2025

- Governed a **\$65M+ non-profit corporation**; represented **25,000+ students** on financial oversight.

Student Ambassador, Sheridan College Aug 2024 – Dec 2025

- Led campus engagement and provided strategic guidance to prospective international students.

Hackathon Finalist: Top 10 Project (Hackville 2025) Jan 2025

- Pioneered accessible, AI-driven prototypes within 24-hour rapid development cycles.