

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.
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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%**.
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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**
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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.