Yagna Patel

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EDUCATION

Sheridan College | *Oakville, ON*   *Sep 2022 – Dec 2025*
Computer Systems Technology – Information Systems Engineering
Relevant Courses: Data Structures & Algorithms, Big Data, Software Process Management, Cloud Computing

SKILLS

Languages & Frameworks: Python, Java, C#, .NET, JavaScript, Angular, Spring Boot, Kotlin, PHP, REST APIs
Cloud & Tools: AWS, Oracle Cloud, Linux, Nix, Cisco Packet Tracer, Wireshark, VirtualBox, Git, Snipe-IT
Databases & Big Data Technologies: MySQL, PostgreSQL, Oracle Database, MongoDB, Hadoop, Hive, Spark
DevOps & Automation Tools: Terraform, Ansible, Packer, Docker, Jenkins
Methodologies & Collaboration Tools: Agile, Scrum, SDLC, Jira, Trello, Figma, Power BI, Microsoft 365

CERTIFICATION

AWS Certified Cloud Practitioner | *Oracle Cloud Infrastructure Foundations* | *GitHub Foundations*

EXPERIENCE

IT Infrastructure Analyst (Part-Time), Sheridan College - FAST | *Oakville, ON*   *Sep 2025 – Present*
- Streamlined infrastructure and deployments with Terraform and Ansible, cutting setup time by **30%**
- Configured and streamlined **vSphere** servers for **Big Data labs**, enhancing performance for **91+** students
- Refined NixOS lab environments in VirtualBox, increasing system stability and speed
- Tracked **300+ Raspberry Pi** devices in Snipe-IT for precise asset lifecycle management

IT Infrastructure & DevOps Co-op, Sheridan College – FAST | *Oakville, ON*   *Apr 2025 - Aug 2025*
- Engineered provisioning **pipelines** with Terraform and Ansible, reducing setup time by **50%**
- Configured **NixOS** systems in **VirtualBox** to support internal development environments
- Created base **Packer** images for standardized lab setups, enhancing reliability by **20%**
- Documented configuration procedures, reducing onboarding and environment setup time by **25%**

Associate Technical Consultant Co-op, MindQuad Solutions Pvt Ltd | *Remote*   *Sep 2024 – Dec 2024*
- Partnered with **7+** clients to design and deploy customized **ERP workflows** and reports
- Implemented and fine-tuned modules in **AL**, **C/AL**, and **VS Code**, achieving **95%** client satisfaction
- Rolled out **10+** solutions, boosting reliability by **35%** and reducing post-release issues by **20%**

Full-stack Developer Co-op, Samskrita Bharati | *Mississauga, ON*   *Jan 2024 – Apr 2024*
- Resolved **50+** high-priority bugs, enhancing UX and increasing site traffic by **30%**
- Built two **2D games** with ReactJS and Tailwind CSS, driving engagement up by **20%**
- Streamlined deployment with **cPanel**, reducing release time by **15%** and strengthening stability

PROJECTS

Sugar Cubed Creation | *Next.js, TypeScript, Tailwind CSS, Supabase, Prisma ORM, Resend, Square API, Vercel*
- Built a **full-stack** e-commerce site with secure login and admin dashboard for a local cookie business
- Designed and tuned **Postgres schema** with **Prisma ORM** for products, orders, and user relations
- Integrated **Square API** for payments and **Resend API** for automated order confirmation emails

CloudLAMP DevOps | *Terraform, Ansible, AWS, GitHub Actions, Linux, LAMP Stack*
- Developed a 1-click **AWS** deployment pipeline with **Terraform** and **Ansible**, reducing setup effort by **50%**
- Automated **LAMP stack** provisioning with idempotent Ansible configurations
- Integrated **CI/CD workflows** via **GitHub Actions**, cutting manual deployments by **40%**

CareerCraftAI | *Next.js, OpenAI API, Perplexity API, PostgreSQL, Tailwind CSS*
- Created an **AI-powered** web app to optimize resumes, LinkedIn profiles, and interview prep
- Raised job match accuracy by **30%** using AI-driven resume and portfolio analysis
- Enhanced career recommendations, boosting engagement by **25%**

Highlander Simulator | *C#, WPF/UWP, OOP, SQL Database*
- Designed a grid-based simulation in C#, applying **OOP principles** to manage **100+ entities**
- Refactored code structure, improving maintainability by **30%** and cutting bugs by **20%**
- Optimized algorithms, reducing execution time by **20%** and increasing efficiency

LEADERSHIP & ACTIVITIES

Director, Board of Directors, Sheridan Student Union | *Oakville, ON*   *May 2024 – Apr 2025*
- 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, Sheridan College | *Mississauga, ON*   *Mar 2025*
- Built an AI solution in a team of **3** within **36 hours**, demonstrating technical skill and collaboration
- Engineered a functional prototype using machine learning to solve a real-world challenge