VICTOR DAVID

Infrastructure | Automation | AI

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PROFILE

Engineer with experience across aviation, public safety, healthcare, and consulting. Connects systems, networks, and cloud infrastructure with practical software and AI automation. Focused on reliable operations, understandable solutions, and maintainable handoffs.

EXPERIENCE

AI Engineer & Automation Consultant | West Work Studios

2025 - present | Design and deliver AI workflows and integrations, from discovery through deployment, monitoring, and handoff.

AI & Automation Engineer | Searidge Technologies

2021 - 2025 | Built automation and monitoring for aviation systems; supported complex incidents across networks and applications.

Azure & Intune Administrator | Ottawa Police Service

2020 - 2021 | Supported secure enterprise deployments, VPN access, and endpoints. Improved rollout procedures with PowerShell and Bash automation.

IT Help Desk & Infrastructure Analyst | Ottawa Fertility Centre

2019 - 2020 | Supported clinical and administrative systems, improved monitoring, and automated recurring support work.

Fibre Optics Technician | Bell Fibre Solutions

October 2017 - May 2019 | Installed and spliced fibre-optic cable across Ottawa; worked with routers, internet modems, and network equipment.

Additional experience: secure application support with the Department of National Defence.

SELECTED PROJECTS

Aegis Agent OS: Self-hosted alpha agent platform with an operations dashboard, persistent tasks, policy checks, local model routing, and audit records. TypeScript, Next.js, Docker, PostgreSQL.

Enterprise Procure Agent: Testnet invoice-validation prototype with vendor controls, purchase-order checks, spending limits, and human review. TypeScript, Hedera Agent Kit.

Ops Triage: Dependency-free Python alert grouping and incident briefs, with evidence preservation, deterministic priorities, and tested time-window logic.

TECHNICAL SKILLS

Systems: Windows, Windows Server, Linux, macOS, Intune, PowerShell, Bash.
Networks: Cisco, Fortinet, routing, WAN, VPN, firewalls.
Infrastructure: AWS EC2/S3/IAM, Google Cloud, VMware, Proxmox, servers, NAS backups.
Software & automation: Python, TypeScript, APIs, webhooks, AI agents, workflow design.

EDUCATION & CERTIFICATIONS

MSc, Information Technology | University of the People | 2026
Computer Systems Technician Diploma | Algonquin College | 2020
BSc, Computer Science and Business Administration | Saint Mary's University | 2017

Cisco CCNA | CompTIA Network+ | ITIL Foundation | Make.com | OpenAI AI Foundations