

Victor Nguyen

Tech Lead

Toronto, Canada | [LinkedIn](#) | [GitHub](#)

Tech Lead building healthcare webapps and clinic infrastructure. Node.js, Vue/Nuxt, TypeScript, GCP/AWS on the web side; Hyper-V, IceWarp, FortiGate on the ops side.

EXPERIENCE

Technical Lead

Sentry Health Inc

Jan 2023 — Present

Toronto, Ontario, Canada

Lead backend services and developer team for a telehealth / healthcare web platform. Own and evolve microservices across lab, drug, FHIR, phone, gateway, and crawler workloads on GCP and AWS. Train junior developers, translate stakeholder requirements into shipped work, and ensure healthcare privacy compliance (PHIPA/PIPEDA-aware). Implemented Cypress automation for critical flows.

Tech Lead / Head of Technology

Medi-Share

Jan 2023 — Present

Toronto / Kitchener

Lead technology and on-call clinic IT ops for a cardiac diagnostics and healthcare IT company. Took over after a long-tenured developer departed; documented the environment and built a NotebookLM knowledge base to eliminate single-person dependencies. Completed IceWarp mail migration (v11.4.5 → v14.3.x on Windows Server 2025), including AD sync, FortiMail cutover, imapsync, and SPF/DKIM/DMARC setup. Migrated Hyper-V cluster from Server 2012 R2 to 2025 across 13 VMs, resolving 0x7B ACPI boot failures. Diagnosed and fixed DICOM slowness via WireGuard MTU tuning, routing, and Traefik HTTP/2 SQL lock issues.

Product Manager / Senior Developer

Aurora Cannabis / CanvasRx

Oct 2018 — Dec 2022

Toronto, Ontario, Canada

Dual track as senior developer and product manager for pharmacy and cannabis retail software. Owned front and back end development, stakeholder requirements, sprint planning, and new product features. Ensured healthcare privacy compliance for regulated pharmacy and retail workflows. Built and maintained stack on AWS and DigitalOcean.

Lead Project Manager

Interactive Research Lab Inc

Jan 2017 — Oct 2018

Toronto, Canada Area

Led VR development for Unity and Unreal on HTC Vive, Oculus, and PSVR. Published 2 VR titles to Steam.

Full Stack Web Developer

Funding Portal Inc

Nov 2015 — Jan 2017

Toronto, Canada Area

Developed and maintained front and back end web applications. Owned new product work, SEO optimization, and responsive UI design. Worked across PHP, MySQL, JavaScript, and modern web frameworks.

Web Developer

Vanguard Media Solution

Oct 2014 — Oct 2016

Full Stack Web Developer

Vanguard Marketing Solutions Inc

Jan 2012 — Dec 2015

Mississauga

Worked part-time then full-time as a full stack developer building and maintaining web applications. Designed and built a real-time scheduling web app in CodeIgniter with UX and A/B testing. Automated repetitive data entry and worked on WordPress and Prestashop platforms.

Software Developer (part-time)

Ryerson University

Jan 2011 — Dec 2012

Toronto

Developed experimental software for interactive mobile digital television projects. Worked independently on research-oriented software delivery.

EDUCATION

Ryerson University

Bachelor's Degree in Computer Science

Sep 2010 — Jun 2014

Ryerson University

Bachelor of Science (B.S.) in Computer Science

SKILLS

Large Language Models (LLM) · React.js · Tailwind CSS · JavaScript · MySQL · PHP · jQuery · Microsoft SQL Server · CodeIgniter · CakePHP · CSS3 · HTML5 · CSS · Unity3D · C# · Node.js · SQL · Web Development · HTML · TypeScript · Vue.js · Nuxt · GraphQL · REST · NoSQL · microservices · event-driven · GCP · AWS · Docker · Kubernetes · CI/CD · Cypress · Playwright · Hyper-V · Windows Server · Veeam · iSCSI · CSV · FortiGate · pfSense · FortiMail · WireGuard · Traefik · IceWarp · imapsync · CalDAV · CardDAV · AD · LDAP

· DICOM · SPF · DKIM · DMARC · TLS · PHIPA · PIPEDA · healthcare compliance · Python · Laravel · Git
· npm · yarn · Cloud Run · Cloud Functions · Eventarc · Pub/Sub · IAM · Cloud Build · Bootstrap · WordPress
· Prestashop · Apache · DigitalOcean · VPS · SEO · Unreal