

# Akil Fernando

IT Systems & Infrastructure | MSP Operations

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IT systems lead running Microsoft 365, endpoint security, and RMM across a distributed MSP of ~100 contractors. Strong IAM on Entra ID plus software engineering for internal tooling.

Canadian PGWP holder (valid through June 2029), open to relocation anywhere in Canada. Eligible for Atlantic Immigration Program (International Graduate stream). IELTS General CLB 10 (valid to 2028).

## EXPERIENCE

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### Teams Squared

Colombo, Sri Lanka

#### *IT Systems and Cybersecurity Lead*

Mar 2026 to Present

Microsoft-stack MSP (~15 internal staff supporting ~100 contractors across ~75 clients; primary markets Australia and Philippines).

- Administer Microsoft 365 tenant, endpoint security (Bitdefender GravityZone), and RMM (NinjaOne) across the contractor base.
- Lead IAM administration on Microsoft Entra ID: MFA, Conditional Access policies, app registrations, identity governance.
- Hardened security posture, monitoring, and access controls across a distributed MSP environment.
- Drove organization-wide ISO 27001 ISMS implementation (in progress, 2026).
- Sole-authored internal platforms and led an inherited production client portal (see Projects).

### Ubisoft Halifax

Halifax, NS

#### *Gameplay Programmer (Co-op)*

Apr to Aug 2024

- Unity/C# gameplay programming: Cinemachine camera systems, behavior-tree AI, NavMesh and hex-grid targeting.
- Maya character pipeline and custom debug tooling.

## PROJECTS

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- **Device Allocation System** (sole author): Next.js 15, Supabase, Drizzle ORM.
- **Client Portal** (primary developer, inherited production app): TypeScript/React 19 frontend, Python/FastAPI backend, six third-party integrations.
- **Contractor Training LMS** (sole author): training platform serving contractors, primarily lawyers learning legal topics. Next.js 16, React 19, TypeScript, Prisma, PostgreSQL, NextAuth v5 with Entra ID SSO.
- **Security Posture Reporting Tool** (contributor): Python/Flask, Playwright, Anthropic Claude API.
- **CartCloud** (team capstone): MERN-stack e-commerce application. [github.com/TobiOnibudo/cartcloud](https://github.com/TobiOnibudo/cartcloud)

## EDUCATION

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### Dalhousie University

Halifax, NS

#### *BSc Computer Science (Co-op), GPA 3.92*

Oct 2025

Undergraduate Certificates: Communications Technology and Cyber Security; Web and Mobile Development.

Honours: Sexton Scholar, Dean's List (multiple terms), Dalhousie In-Course Scholarship (2025).

## CERTIFICATIONS

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ISO 27001 ISMS Officer (in progress, 2026) · Microsoft Identity and Access Administrator, SC-300 (in progress)

## SKILLS

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**Infrastructure:** Microsoft 365 administration, NinjaOne RMM, endpoint management, MSP operations

**Identity & Security:** Entra ID, IAM, MFA, Conditional Access, identity governance, ISO 27001 ISMS, Bitdefender GravityZone

**Development:** TypeScript, React, Next.js, Python (FastAPI, Flask), Prisma, PostgreSQL, Supabase, Drizzle ORM, MERN, NextAuth

**Tools:** Claude Code, Playwright, Git