

Akil Fernando

Software & Web Developer | Full-Stack

akilfernando2003@gmail.com · +94 70 225 3435 · linkedin.com/in/akilf · github.com/akilfernando

Full-stack developer shipping production web platforms with Next.js, React, TypeScript, and Python. Sole-authored internal systems and led an inherited production portal, alongside IAM and security work on the Microsoft stack.

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).

PROJECTS

- **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.
- **Client Portal** (primary developer, inherited production app): TypeScript/React 19 frontend, Python/FastAPI backend, six third-party integrations.
- **Device Allocation System** (sole author): Next.js 15, Supabase, Drizzle ORM.
- **Happbit** (personal): cross-platform minimalist habit tracker. JavaScript.
- **CartCloud** (team capstone): MERN-stack e-commerce application. github.com/TobiOnibudo/cartcloud

EXPERIENCE

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).

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

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.

EDUCATION

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

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

SKILLS

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

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

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

Tools: Claude Code, Playwright, Git