AYODEJI (ALEX) AYODELE

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SUMMARY

Software developer and Applied Computer Science student (graduating May 2027) with two years of internship experience shipping full-stack web and mobile apps in TypeScript, React, React Native, and Node.js. Authorized to work in Canada and the US.

EXPERIENCE

Full Stack Developer Intern — Cencadian Services | *Winnipeg, MB (Hybrid)* Jun 2024 – Aug 2026

- Led a 3–5 person development team across 4+ client projects, coordinating delivery with Agile/Scrum.
- Built and deployed full-stack applications with React, TypeScript, Node.js, and MongoDB, improving performance by 30%.
- Integrated TanStack Query and TanStack Router, reducing page load times by 25%.
- Developed REST APIs, contributed to CI/CD automation with GitHub Actions, reviewed code, and mentored junior developers.
- Prototyped and evaluated AI-driven features with Python and prompt engineering, testing accuracy and edge cases.
  Tech: *React, TypeScript, Node.js, MongoDB, TanStack Query/Router, REST APIs, GitHub Actions, Python, Agile/Scrum*

Freelance Software Developer — Self-Employed | *Remote* May 2025 – Present

- Building Pearl Mobile, a client budgeting app, with React Native (Expo) and NestJS, including Plaid bank-linking with AES-256 token encryption.
- Delivered the FKFH Consults website and designed an interactive 3D website concept for GB Grills, a BBQ and suya business.
  Tech: *React Native, Expo, NestJS, Plaid, Next.js, Tailwind CSS, Vercel*

AI Evaluator & Data Annotator — Independent | *Remote*

- Evaluated LLM responses for reasoning, accuracy, and instruction-following; designed edge-case prompts and ranked outputs.
  Tech: *LLM evaluation, prompt design, hallucination detection, response ranking*

PROJECTS

VBKouture — Full-Stack Fashion E-Commerce Platform vbkouture.ca

- Built a live multi-vendor fashion marketplace with category and sale pages, wishlist, cart, and CAD checkout in a mobile-first UI.
- Developed a REST API with Node.js, Express, and TypeScript using Prisma on MongoDB, JWT authentication, bcrypt password hashing, and Zod validation.
- Implemented role-based access for customers, suppliers, and admins, with admin reporting and a custom CMS.
  Tech: *Next.js, TypeScript, Node.js, Express, Prisma, MongoDB, JWT, Zod, DigitalOcean*

GroceryGuard — Food Waste Reduction Mobile App

- Built a cross-platform app that tracks grocery expiry dates and sends push and email alerts, backed by a Node.js/Express REST API (13 endpoints) with JWT authentication.
- Integrated Google Cloud Vision OCR to read receipt photos, plus barcode lookup across multiple product databases.
- Added cross-store price comparison (Walmart API, Google Places) with caching, and cron jobs for daily and weekly alerts.
  Tech: *React Native, Expo, Node.js, Express, MongoDB, Firebase, Google Cloud Vision*

Haven Hub — Student Mental Wellness Platform (Capstone) haven-hub-one.vercel.app

- Built a capstone web app for anonymous student support: sign-in, mood tracker, resources, and peer/counselor chat.
  Tech: *Deployed on Vercel*

TECHNICAL SKILLS

Languages & Frameworks: TypeScript, JavaScript, Python, HTML/CSS, React, Next.js, React Native, Expo, Node.js, Express, NestJS
Data & Tools: MongoDB, Prisma, Firebase, REST APIs, JWT, Zod, Tailwind CSS, GitHub Actions, Vercel, DigitalOcean, Cloud Vision

EDUCATION

University of Winnipeg — B.Sc., Applied Computer Science Sep 2022 – May 2027 (expected)
Relevant coursework: Data Structures & Algorithms, Databases, Software Engineering, OOP, Artificial Intelligence

LEADERSHIP

Vice President — Black Scientists Network, UWinnipeg Chapter | *STEM outreach for students* Dec 2025 – Present