

# NOEL UGWOKE

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Calgary, AB | 306-490-2929 | 1leonoel1@gmail.com | LinkedIn | GitHub

## SUMMARY

Full-stack AI Software Developer with 3 + years building scalable, data-driven features and AI-powered workflows. Proven track record delivering end-to-end APIs and user interfaces in TypeScript/Node.js and Python, integrating machine-learning models into production. Rapid learner and collaborator, eager to drive AfterSell's AI-powered upsell platform from zero to one.

## TECHNICAL SKILLS

- **Languages & Frameworks:** TypeScript/Node.js · Python · React · Go (familiar)
- **AI/ML & Search:** OpenAI APIs · LangChain · TensorFlow · scikit-learn
- **E-Commerce & Integrations:** Shopify Apps · GraphQL · RESTful APIs
- **Infrastructure & DevOps:** Docker · Kubernetes · Terraform · Pulumi · AWS Lambda
- **Databases:** PostgreSQL · MongoDB
- **Testing & CI:** Jest · PyTest · GitHub Actions
- **Practices:** Agile/Scrum · TDD · OOP · Code Reviews

## PROFESSIONAL EXPERIENCE

**Software Engineer (Cloud & Data) | APEGA** | Calgary, AB | Dec 2022 – Dec 2024

- Built Node.js + Express microservices powering data pipelines and internal dashboards; shipped new features biweekly.
- Developed React/TypeScript interfaces for complex data workflows, improving usability scores by 25%.
- Integrated GPT-driven prompt-generation into internal tools using OpenAI API and LangChain, accelerating content creation 50%.
- Automated CI/CD with GitHub Actions and Terraform, reducing deployment friction and rollback incidents by 80%.
- Mentored two junior engineers in full-stack patterns and AI integration best practices.

**Skills & Tools:** TypeScript · Node.js · React · Express · Flask · Docker · Terraform

**Software Developer (DevOps) | Spartan Controls** | Calgary, AB | Jul 2021 – Nov 2022

- Designed Python/Flask services ingesting 2 M IoT events/day; scaled horizontally via Docker and Kubernetes with < 60 s latency.
- Implemented a scikit-learn anomaly detector and deployed as a REST endpoint, increasing fault detection precision to 88%.
- Led migration of monolithic builds to GitHub Actions pipelines, adding Jest unit tests and reducing production bugs 30%.

**Skills & Tools:** AWS Lambda · GitHub Actions · Python · Jest · PyTest · Kubernetes · LangChain

## KEY PROJECT

**AI-Driven Upsell Prototype** | Personal Project | 2024

- Built a Shopify-app demo in Node.js that suggests complementary products using embeddings from OpenAI; conversion uplift + 15%.
- Delivered front-end with React/Next.js and serverless backend on AWS Lambda. [*OpenAI API, React, AWS*]

## EDUCATION & CERTIFICATIONS

- **BSc. Computer Science** – University of Calgary (2016 – 2022)
- **AWS Certified Cloud Practitioner** (2023)
- **Google Cloud Professional Developer** (2023 – 2026)