

# NOEL UGWOKE

Calgary, Alberta | 306-490-2929 | 1leonoel1@gmail.com | [Linkedin](#) | [Portfolio](#)

## TECHNICAL SKILLS

- **Languages & Frameworks:** Python, TypeScript/Node.js, SQL, Java, JavaScript, C++, C#
- **Databases & Analytics:** MongoDB, Snowflake/Redshift, Apache Spark, Kafka, Pandas, dbt
- **Cloud & DevOps:** AWS (Lambda, S3/EMR, Glue), Docker, Kubernetes, Terraform, Serverless, GitHub Actions, Jenkins
- **Testing & Quality:** PyTest, Jest, CI pipelines, code reviews, data-quality checks
- **Processes & Patterns:** Agile/Scrum, TDD, design patterns, continuous delivery
- **Soft Skills:** Clear documentation, requirements decomposition, team mentoring, rapid debugging

## PROFESSIONAL EXPERIENCE

### Software Engineer & Systems Analyst (Hybrid)

APEGA | Calgary, AB | Dec 2022 – Dec 2024

- Developed and maintained data-driven web applications using Python, Node.js, and MongoDB in a hybrid role.
- Provided frontline support for internal systems—troubleshooting user issues and managing ticket escalations as a Systems Analyst.
- Built and deployed containerized AI/ML services on AWS Kubernetes, leveraging Python, TensorFlow, and PyTorch.
- Authored complex SQL transformations and materialized views powering dashboards used by 30K+ users.
- Created GitHub Actions workflows to unit-test and auto-publish Lambda artifacts; deploy time ▼ 35%.
- **Tools:** Python · Node.js · MongoDB · SQL · PyTorch · Kubernetes · AWS · Docker · GitHub Actions · Agile/Scrum

### Software Developer – WebApps (DevOps)

Spartan Controls | Calgary, AB | Jul 2021 – Nov 2022

- Developed React-based IoT dashboards, improving load times and UI responsiveness—user engagement ↑ 40%.
- Built Java REST APIs for authentication, data retrieval, and real-time notifications, enhancing scalability.
- Implemented AWS Lambda serverless functions to offload backend tasks.
- Architected Jenkins CI/CD pipelines with Docker & Kubernetes for automated testing and deployment.
- **Tools:** React · Java · RESTful APIs · AWS Lambda · Jenkins · Docker · Kubernetes

### Cloud & Data Analyst – DevOps

Parkland Fuel Corp. | Calgary, AB | May 2020 – Jan 2021

- Collected, extracted (SQL), and preprocessed large datasets using Python & Pandas to support business insights.
- Conducted trend analysis in SQL to inform strategic decisions across business units.

## KEY PROJECT

### Optimization Pipeline | Spartan Controls | 2022

- Automated CDN configuration using Terraform & Jenkins, reducing manual changes by 50% and improving cache hit rate by 12%.
- **Technologies:** AWS · Kubernetes · Terraform

## EDUCATION & CERTIFICATIONS

- **BSc, Computer Science** — University of Calgary, 2016 – 2022
- **AWS Certified Cloud Practitioner** — Jan 2023