

NOEL UGWOKE

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

TECHNICAL SKILLS

- **Languages & Frameworks:** Python, TypeScript/Node.js, SQL, Java, SQL, JavaScript, C++, C#
- **Data & Analytics:** Apache Spark, Kafka, AWSS3/EMR, dbt, Snowflake/Redshift, Glue Catalog, Pandas
- **Cloud & DevOps:** Docker, Kubernetes, GitHub Actions, Jenkins, Terraform, Serverless (AWS-Lambda)
- **Testing & Quality:** PyTest, Jest, Data-quality checks, CI pipelines, Code reviews
- **Processes:** Agile/Scrum, Test-Driven Development, Design patterns, Continuous Delivery
- **Soft Skills:** Clear documentation, Requirements decomposition, Team mentoring, Rapid debugging

PROFESSIONAL EXPERIENCE

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

- Developed and deployed scalable, containerized AI/ML applications on AWS using Kubernetes, leveraging Python, TensorFlow, and PyTorch.
- Authored complex SQL transformations and materialised views powering dashboards used by 30K+ users.
- Automated nightly pipeline tests with PyTest & GitHub Actions; defect rate ► < 0.5%.
- Led peer code reviews and sprint retros; mentored two juniors on SQL optimisation.
- Built GitHub Actions workflow that unit tested, and auto published Lambda artefacts; deploy time ▼ 35%.
- **Tools Used:** Python, SQL, PyTorch, Kubernetes, AWS, MLOps, Docker, Git, Agile/Scrum

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

- Developed React applications for IoT dashboards, optimizing load times and user interface responsiveness, which led to a 40% increase in user engagement.
- Utilized Java to develop RESTful APIs for user authentication, data retrieval, and real-time notifications, enhancing functionality and scalability.
- Implemented serverless functions using AWS Lambda to handle specific backend tasks efficiently.
- Built CI/CD pipelines using Jenkins for automated testing and deployment utilizing Docker and Kubernetes.
- **Tools Used:** Java, JavaScript, RESTful APIs, React, AWS Lambda, Jenkins, Docker, Kubernetes

Cloud & Data Analyst - DevOps Parkland Fuel Corp. | Calgary, AB | May 2020 - Jan 2021

- Performed data collection, extraction (SQL), preprocessing, and analysis using Pandas to support business insights. Analyzed large datasets using SQL and Python to identify trends and inform business decisions.

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%. **[AWS, Kubernetes, Terraform]**

EDUCATION & CERTIFICATIONS

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