

NOEL UGWOKE

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

TECHNICAL SKILLS

- **Languages & Frameworks:** Python, JavaScript, TypeScript, Java, SQL, Django, Spring Boot
- **Data & Analytics:** Pandas, Spark, Kafka, Scikit-learn
- **Cloud & DevOps:** Docker, Kubernetes, GitHub Actions, Jenkins, CodePipeline, Terraform, AWS
- **Testing & Quality:** Unit/integration tests, Data-quality checks, Code reviews
- **Build & Deployment:** Gradle, Maven, NPM, Yarn, JFrog Artifactory
- **Databases:** PostgreSQL, MySQL, SQLite

PROFESSIONAL EXPERIENCE

Software Engineer (Cloud & Data)

APEGA | Calgary, AB | Dec 2022 – Dec 2024

- Led migration of 30+ Java microservices from Maven to Gradle and on-prem Bitbucket to GitHub mono repo; reduced build times by 35%
- Authored reusable GitHub Actions workflows (build, test, publish to JFrog Artifactory); increased release frequency from weekly to daily
- Unified JavaScript builds with NPM/Yarn and Webpack; reduced node module drift incidents by 40%
- Embedded Moderne/Open Rewrite into pipelines to enforce code hygiene and automated refactors
- Monitored pipeline KPIs in Grafana, enabling data-driven tuning that cut failed build rate by 25%

Tools Used: Gradle, GitHub Actions, Artifactory, Python, ksh, Docker, Kubernetes, Grafana, Maven, NPM, Yarn, Webpack, Moderne/Open Rewrite, Bitbucket, GitHub

Software Developer – WebApps (DevOps)

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

- Designed Spring Boot & Python services ingesting 2M telemetry events/day; incorporated Kafka and Spark Streaming to scale horizontally with <60s end-to-end SLAs
- Implemented AI-based anomaly detection (scikit-learn isolation forest) with 88% precision in fault detection, reducing unplanned downtime by 15%
- Containerized stack in Docker; CI/CD via Jenkins and CodePipeline enabled daily releases with <1% rollback
- Contributed to the development of a Python/Django tool for real-time pipeline diagnostics, reducing inspection time by 45%.

Tools Used: Django, Python, TypeScript, Docker, Git, Jenkins, CodePipeline, Spring Boot, Kafka, Spark

KEY PROJECT

Gas Pipeline Monitoring | Spartan Controls | 2022

- Created a Python/Django tool for real-time pipeline diagnostics, reducing inspection time by 45%.
[Python, Django, PostgreSQL, JavaScript]

EDUCATION & CERTIFICATIONS

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