NOEL UGWOKE

Calgary, Alberta | 306-490-2929 | 1leonnoel1@gmail.com | [LinkedIn] | [Portfolio]

Summary

Highly motivated and results-oriented Software Developer with 4+ years of experience in designing, developing, and deploying scalable and robust applications. Proven ability to leverage Agile methodologies, CI/CD pipelines, and cloud technologies (AWS, GCP) to deliver high-quality software solutions. Expertise in Java, Python, JavaScript, and DevOps practices, consistently exceeding expectations in previous roles. Seeking a challenging Software Developer position at QuantumCode to contribute to innovative projects and further develop my skills.

Skills

- **Languages & Paradigms:** Java 11/17, JavaScript (ES6+), Python, ksh/bash, TypeScript
- **Frameworks/Libraries:** Spring Boot, Django, React, Vue.js, Node.js, Webpack, scikit-learn
- **Build & Artifacts:** Gradle, Maven, NPM, Yarn, JFrog Artifactory
- **Source Control:** Git, GitHub (monorepo), Bitbucket, Git Flow
- **CI/CD:** GitHub Actions, Jenkins multibranch, CodePipeline, AWS CodePipeline
- **DevOps:** Docker, Kubernetes (EKS), Terraform, AWS, GCP, Linux (RHEL/Ubuntu), Ansible (mention if you have experience)
- **Monitoring & Observability:** Prometheus, Grafana, SonarQube
- **Databases:** SQL
- **Messaging:** Kafka
- **Big Data:** Spark Streaming
- **DX & Quality:** Backstage catalogs, Moderne/Open Rewrite, unit/integration tests
- **Methodologies:** Agile/Scrum, SDLC, TDD, RCA, metrics dashboards

Experience

Software Engineer (DevOps) | APEGA | Calgary, AB | Dec 2022 - Present

- Spearheaded the migration of 30+ Java microservices from Maven to Gradle and on-prem Bitbucket to a GitHub monorepo, resulting in a 35% reduction in build times.
- Developed and implemented reusable GitHub Actions workflows for building, testing, and deploying applications to JFrog Artifactory, increasing release frequency from weekly to daily.
- Standardized JavaScript builds using NPM/Yarn and Webpack, reducing node module drift incidents by 40%.
- Integrated Moderne/Open Rewrite into CI/CD pipelines to automate code refactoring and enforce coding best practices.
- Proactively monitored pipeline KPIs in Grafana, leading to data-driven optimizations that decreased the failed build rate by 25%.

Associate Software Developer – WebApps | Spartan Controls | Calgary, AB | Jul 2021 - Nov 2022

- Designed and developed Spring Boot and Python microservices ingesting 2M telemetry events/day, utilizing Kafka and Spark Streaming for horizontal scalability and maintaining <60s end-to-end SLAs.
- Implemented an AI-based anomaly detection system using scikit-learn's isolation forest, achieving 88% precision in fault detection and reducing unplanned downtime by 15%.
- Containerized the application stack using Docker and implemented CI/CD via Jenkins and CodePipeline, enabling daily releases with <1% rollback rate.

Cloud and Data Analyst - DevOps | Parkland Fuel Corporation | Calgary, AB | May 2020 - Jan 2021

- Developed Python ETL processes to feed Django APIs for real-time retail dashboards, reducing data refresh time by 50%.

Projects