Noel Ugwoke

Calgary, Alberta | 306-490-2929 | 1leonnoel1@gmail.com | LinkedIn | GitHub

SKILLS

- **Languages**: JavaScript/TypeScript, Python, Java, SQL, HTML, CSS
- **Web Development**: React, Node.js, RESTful APIs
- **Development Practices**: Source Code Design & Development.
- **Machine Learning Exposure**: TensorFlow, PyTorch, Model Deployment (Azure ML), MLOps

- **Cloud & DevOps**: AWS, Azure, Docker, Kubernetes, CI/CD, OCI
- **Containerization**: Docker, Kubernetes, Helm
- **Testing & Tooling**: Cypress, JUnit, Jest, Agile/Scrum
- **Version Control**: Git, GitHub
- **Methodologies**: Agile/Scrum, TDD, Secure Coding

EXPERIENCE

Senior Software Engineer (Cloud & Data)

APEGA | *Calgary, AB* | *Dec. 2022 – Dec 2024.*

- Led development of **React-based UIs** integrated with AI-generated code, improving component reusability by **35%** through rigorous code reviews and testing (Jest/React Testing Library).
- Collaborated with ML teams to evaluate and refine AI-generated JavaScript/React code, reducing syntax and logic errors by **25%** in model outputs.
- Deployed TensorFlow models on AWS SageMaker and Azure ML, reducing inference latency by **25%** through GPU-accelerated parallel programming.
- Deployed scalable software solutions on AWS and Azure, optimizing TensorFlow models which reduced inference latency by **25%** through effective cloud resource utilization.

Skills & Tools Used: *Python, React, TensorFlow,* Jest*, PyTorch, Kubernetes, AWS.*

Associate Software Developer - DevOps

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

- Developed **responsive React applications** for IoT dashboards, improving user engagement by **40%** through performance optimizations.
- Implemented **Redux for state management**, streamlining data flow across 15+ components and reducing UI bugs by **30%**.
- Conducted code reviews for junior developers, ensuring adherence to best practices and improving team code quality by **20%**.

Skills & Tools Used: *Java, AWS Lambda, Jenkins, Docker, Kubernetes.*

Data Analyst

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

- Created Tableau dashboards with Python/Pandas, emphasizing clear data storytelling for non-technical stakeholders.

PROJECTS

AI-Powered Code Review Assistant – Personal Project| 2023

- Built a React/TypeScript tool to evaluate AI-generated JavaScript code, integrating Jest for automated test case validation.
- Reduced false positives in code feedback by **15%** through dynamic linting rules and user-friendly summaries.

  Skills & Tools Used: *React, TypeScript, Jest, OpenAI API*.

Mental Health Chatbot UI – Personal Project| 2023

EDUCATION & CERTIFICATIONS

- **BSc. Computer Science** – University of Calgary | *2016 – 2022*
- **AWS Certified Cloud Practitioner** – Amazon Web Services | *Jan 2023*
- **IBM AI Engineering Professional** – IBM | Oct 2024
- **Google Cloud Professional Developer** – Google Cloud | 2023 - 2026