Noel Ugwoke

306-490-2929 | [Email](#) | [GitHub](#) | [Portfolio](#)

SKILLS

- **Languages**: Python, Java, C#, Go, Scala, C++, SQL, JavaScript (React) and HTML/CSS.
- **Cloud & DevOps:** Kubernetes, Google Cloud, Azure Kubernetes Services, AWS, Jenkins, Docker, and Kafka.
- **Methodologies:** Agile (Scrum), Continuous Integration/Continuous Deployment (CI/CD), Jira, Confluence, SDLC.
- **Web Development:** React, Selenium, REST APIs, Spring Boot, .NET, Node.js, PostgreSQL, MongoDB, MySQL.
- **Data Analysis:** Power BI, Tableau, Power Query, and advanced Microsoft Excel.
- **Data Infrastructure:** GTM deliverables, Snowflake, Azure Data Services, and Operational Data Store (ODS).

EXPERIENCE

Application Developer – APEGA   *December 2022 – November 2024*

Skills Used: Python, SQL, Azure Cloud, REST APIs, Ready API, Power BI, Jira, Confluence, Agile/Scrum, Data Migration.

- Led the design, development, and implementation of software solutions, resulting in a 20% increase in application reliability and a 40% reduction in system downtime.
- Automated key processes, including testing and data workflows, leading to a 30% reduction in testing cycles and a 25% boost in team productivity.
- Collaborated with cross-functional teams (product, UX, stakeholders) to define technical requirements and deliver solutions that improved user satisfaction scores by 15% and enabled real-time reporting capabilities.
- Developed and deployed predictive models using machine learning techniques (Python, Azure ML) to optimize system performance and resource allocation, resulting in a 25% increase in efficiency.
- Migrated legacy applications to modern cloud platforms (Azure), enhancing system scalability and reducing maintenance overhead by 40%.
- Ensured software quality through rigorous testing across diverse system architectures (monolithic, pipeline, microservice, event-driven), from data ingestion to execution.

Web Application Developer – Spartan Controls   *July 2021 – November 2022*

Skills Used: Python, SQL, AWS (Lambda), PostgreSQL, Terraform, Tableau, React, Spring Boot, Data Analysis.

- Automated data collection and integration processes using scripting and API technologies, resulting in a 90% reduction in manual data entry and improved data accuracy.
- Designed and deployed scalable web applications leveraging modern frameworks with a focus on high availability, seamless CI/CD integration, and optimized database performance.
- Developed and maintained APIs to streamline data exchange between applications, ensuring data integrity and enhancing system performance.
- Implemented and optimized CI/CD pipelines to automate software delivery, significantly reducing deployment time and improving development velocity.
- Collaborated effectively within Agile teams, contributing to sprint planning, code reviews, and documentation to ensure efficient project execution.
- Improved web application performance by 30% through bottleneck identification, caching strategies, and other optimization techniques.

Data Analyst Intern – Parkland Fuel Corporation   *May 2020 – January 2021*

Skills Used: AWS (Lambda), Tableau, Power BI, SQL, Python, ETL Pipelines, Data Modeling, Predictive Analytics.

- Developed and implemented machine learning models to forecast key business trends, resulting in an 18% improvement in prediction accuracy.
- Automated ETL workflows using scripting to process large datasets, reducing data processing time by 35% and enabling near-real-time insights.
- Created interactive data visualizations and dashboards to communicate complex data insights to diverse audiences.
- Built and deployed data pipelines to ingest, transform, and load data from various sources, ensuring data quality and accessibility.

PROJECTS

Vaccine Booking Website – Alberta Health Services | Gas Pipeline Monitoring WebApp – Spartan Controls | Online Bookstore

EDUCATION

University of Calgary – *BSc Computer Science*   *September 2016 - May 2022*

Bow Valley College – *Diploma Software Development*   *May 2015 - August 2016*

CERTIFICATIONS

IBM Cloud | AWS Cloud Practitioner | IBM AI Engineering Professional | Google Cloud Platform Developer