Noel Ugwoke

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EDUCATION

University of Calgary   Calgary, Alberta
Bachelor of Computer Science, BCS   *September 2016 - May 2021*

Bow Valley College   Calgary, Alberta
Software Development Diploma   *May 2015 - August 2016*

SKILLS

- **Programming Languages & Frameworks:** Java, C#, .Net, LUA, Python, C++, React, Flutter, Angular, Vue
- **Database Management & Design:** RDMS, SQL, MSSQL, MySQL, Oracle, MongoDB, Azure
- **Cloud Computing & Data Pipelines:** AWS, Azure, GCP, IBM Cloud, ETL, Version Control
- **SD Tools & Platforms:** Git, GitHub, Microsoft Visual Studio, Microsoft VS Code, Power BI, SAP, Tableau
- **API Design and Development:** REST/GraphQL, JSON/XML and OAuth/JWT. Postman and Swagger.

EXPERIENCE

Association of Professional Engineers and Geoscientists of Alberta (APEGA)   Calgary, Alberta
Application Specialist/Systems Analyst   *December 2022 – Current*
- Implemented scalable system solutions improving efficacy and reducing application processing times by 10%
- Troubleshooting, resolving and documenting application issues responsible for stalling membership processing.
- Implemented cost saving solutions for storage procedures helping to reduce server load and data retrieval times.
- Developed test cases, monitoring and logging frameworks to oversee application performance and resolve issues.
- Communicated with team, project managers and clients to review project features, progress, timeline and issues.

Spartan Controls   Calgary, Alberta
Plant Web Specialist   *July 2021 – November 2022*
- Tested fluid distribution systems and monitored real-time changes through developed alerts and dashboards.
- Enhanced data retrieval process efficiency through caching techniques, improving overall system performance.
- Developed Lua scripts for data processing tasks within the Inmation system, enhancing efficiency and accuracy.
- Generated comprehensive visualizations using SAP and PowerBI to effectively communicate findings and trends.

Parkland Fuel Corporation   Calgary, Alberta
Software Developer/Data Analyst   *May 2020 – January 2021*
- Extracted and modelled SQL query data from AWS for 630+ service gas stations using S3 and RDS for analysis.
- Designed and maintained web-based monitoring dashboards and documented procedure based on requirements.
- Used Sagemaker and Redshift to manage and analyze historical data to develop company forecasting applications.
- Enhanced application performance and scalability through code optimization and AWS service utilization.
- Integrated Bitbucket with AWS components such as CodePipeline and Code Deploy to automate CI/CD workflows.

PROJECTS

- **Vaccine Booking System - Alberta Health Services**: Developed a secure, user-friendly web-based system to streamline vaccine appointment scheduling with real-time availability data. *(Java, React, and AWS)*
- **Gas Station Traffic Projector App - Parkland Fuel Corporation**: Built an app using SQL and Python for predicting customer footfall, improving resource allocation and inventory management. *(AWS and PowerBI)*
- **Book Rental Website - Personal Project**: Created a website for managing book rentals with user registrations, listings, and an active SQLite database. *(Django, Python, and SQLite)*
- **Resume and Interview Prep Assistant - Personal Project**: Developing a GPT-based tool to improve resumes and prepare users for interviews by analyzing job descriptions and extracting key skills. *(Python and GPT-3)*

CERTIFICATIONS

- IBM Cloud Development | AWS Application Development | Google IT Automation | Google Cloud Development