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