

Noel Ugwoke

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

EDUCATION

University of Calgary

BSc Computer Science

Calgary, Alberta

September 2016 - May 2021

Bow Valley College

Diploma Software Development

Calgary, Alberta

May 2015 - August 2016

SKILLS

- **Frontend Development:** React, Angular, Flutter, JavaScript, HTML, CSS.
- **API Development:** REST/GraphQL, JSON/XML.
- **Backend Development:** Java, C#, Python, Ruby, SQL, Node.js.
- **Programming Languages:** Java, C#, .NET, C++, Python, Ruby, Flutter and React.
- **Database Management:** RDMS, SQL, MySQL, Oracle and MongoDB.
- **CI/CD Tools & Version Control:** Git, GitHub, Bitbucket, Jenkins, CodePipeline, CodeDeploy.
- **Cloud Computing & Machine Learning:** AWS, Azure, GCP, IBM Cloud, Model Training and PyTorch.

EXPERIENCE

Application Specialist/Systems Analyst – APEGA

December 2022 – Current

- At APEGA, I analyzed system requirements and implemented scalable solutions that improved application processing times by 10% and significantly reduced membership processing delays through effective troubleshooting and issue resolution. By optimizing system workflows and streamlining business processes, I enhanced application performance by 25%. This was achieved through the implementation of automated workflows, APIs, and integrations, which led to increased productivity and efficiency across the board.

Plant Web Specialist/DevOps Engineer – Spartan Controls

July 2021 – November 2022

- In my role at Spartan Controls, I designed and developed custom WebApps for monitoring fluid distribution systems, integrating PowerBI for interactive data visualization. These solutions provided real-time insights into system performance, fluid levels, and equipment health, enabling proactive maintenance and optimizing overall system efficiency. Additionally, I implemented automated data collection integrated with existing SCADA systems, reducing manual data entry by 90% and decreasing downtime by 25%. I also deployed and managed WebApps using containerization (Docker) and orchestration (Kubernetes), ensuring high availability, scalability, and security. My application of DevOps practices further streamlined deployment, monitoring, and maintenance, cutting deployment time by 40%.

Software Developer/Data Analyst – Parkland Fuel Corporation

May 2020 – January 2021

- During my time at Parkland Fuel Corporation, I developed and maintained scalable full-stack web applications using Java, Python, SQL, and AWS. These applications ensured high availability, security, and performance, while Agile methodologies allowed for rapid iterations and continuous improvement. I also designed and implemented intuitive web-based monitoring dashboards that enhanced system usability by 30%, providing real-time insights into system performance, sales data, and customer behavior. This work enabled data-driven decision-making and supported business growth. Furthermore, I integrated modern frontend frameworks such as React and Angular to create responsive, dynamic, and user-friendly interfaces. This enhanced user experience by 40%, improving application adoption and engagement, and ensuring seamless integration with backend services and APIs.

Web Developer – Alberta Health Services

January 2018 – May 2020

- During my time at Parkland Fuel Corporation, I developed and maintained scalable full-stack web applications using Java, Python, SQL, and AWS. These applications ensured high availability, security, and performance, while Agile methodologies allowed for rapid iterations and continuous improvement. I also designed and implemented intuitive web-based monitoring dashboards that enhanced system usability by 30%, providing real-time insights into system performance, sales data, and customer behavior. This work enabled data-driven decision-making and supported business growth. Furthermore, I integrated modern frontend frameworks such as React and Angular to create responsive, dynamic, and user-friendly interfaces. This enhanced user experience by 40%, improving application adoption and engagement, and ensuring seamless integration with backend services and APIs.

CERTIFICATIONS

- IBM Cloud Cert. | AWS Cloud Practitioner | IBM AI Engineering Professional | Google Cloud Dev.