

Noel Ugwoke

Calgary, Alberta | 306-490-2929 | 1leonnoel1@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

SUMMARY

Results-driven Software Developer with over 3 years of experience in building scalable cloud-native solutions, full-stack applications, and data-driven systems. Skilled in modern programming languages, cloud platforms, and DevOps practices. Proficient in Agile methodologies, enabling the delivery of robust web applications and machine learning models. Demonstrated ability to foster cross-functional collaboration to overcome complex challenges.

SKILLS

- **Languages:** Python, Java, Go, Ruby, C++, C#.
- **Testing & APIs:** JUnit, Selenium, Postman, Swagger.
- **Cloud & DevOps:** AWS (Lambda, S3, EC2), Azure.
- **Version Control:** Git, GitHub, Bitbucket.
- **Build Tools:** Maven, Gradle.
- **Data Analysis:** Pandas, NumPy, SQL, Tableau, Power BI.
- **APIs/Data:** RESTful APIs, GraphQL, PostgreSQL, MySQL.
- **Containerization:** Docker, Kubernetes.
- **CI/CD:** Jenkins, Travis CI, Azure Pipelines.
- **Collaboration Tools:** Jira, Confluence.
- **Frontend:** HTML5, CSS, JavaScript, TypeScript, React.
- **Backend:** Node.js, Express.js, .NET.
- **Methodologies:** Agile/Scrum, Secure Coding Practices.
- **Soft Skills:** Documentation, Cross-functional Collaboration.

EXPERIENCE

Senior Software Engineer (Cloud & Data)/Full-Stack Developer

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

- **Azure Data Migration:** Designed ETL pipelines using Azure Data Factory to migrate **10TB+** of legacy data to Azure Synapse, improving query performance by **25%**.
- **Full-Stack Web Solutions:** Developed scalable applications using C#, ASP.NET MVC, and Entity Framework, leading to a reduction in task completion time by **10%**.
- **UI/UX Optimization:** Built responsive interfaces with React and TypeScript, boosting user engagement by **25%** and reducing load times by **15%**.
- **Cloud Integration:** Deployed and optimized RESTful APIs and Azure services (App Services, SQL Database), reducing server costs by **5%** through migration of databases to serverless infrastructure.

Skills & Tools Used: *React, TypeScript, C#, Azure, RESTful APIs, Jira, Confluence, Agile/Scrum.*

Associate Software Developer

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

- **Responsive Web Applications:** Engineered React/JavaScript frontends, improving user accessibility scores by **20%**.
- **Backend Stability:** Maintained .NET (C#) and SQL services, achieving 99.9% uptime for critical business tools.
- **Cloud Infrastructure Management:** Deployed AWS Lambda/EC2 instances and automated pipelines, reducing deployment time by **15%**.
- **Agile Collaboration:** Led sprint planning and code reviews in Scrum workflows, to deliver features on time across **15+** sprints

Skills & Tools Used: *React, JavaScript, .NET (C#), SQL, AWS (Lambda, EC2), HTML/CSS.*

Data Analyst

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

- **Data-Driven Insights:** Analyzed trends using Python (Pandas, NumPy) and SQL, informing **15+** strategic decisions for marketing optimization.
- **Predictive Analytics:** Built ML models to forecast customer behavior, increasing marketing campaign ROI by **22%**.
- **Interactive Dashboards:** Created Tableau/Power BI visualizations, reducing stakeholder reporting time by **10%**.

Skills & Tools Used: *Python (Pandas, NumPy), SQL, Tableau, Power BI, Machine Learning.*

IT Analyst Intern

Alberta Health Services | Calgary, AB | May 2019 – Jan. 2020

- **Technical Support Optimization:** Resolved **100+** software/hardware issues, improving user satisfaction scores by **35%**.
- **ServiceNow Administration:** Streamlined IT service workflows, reducing ticket resolution time by **20%**.

Skills & Tools Used: *ServiceNow, Technical Documentation, Troubleshooting.*

PROJECTS

AI Resume Optimizer – Personal Project | 2023

- **Job Matching Tool:** Designed a Python/MySQL application to analyze resumes against job descriptions, improving alignment for 100+ test users.
 - **Insight Generation:** Automated formatting/structure recommendations using NLP techniques.
- Skills & Tools Used:** *Python, MySQL, NLP, Ollama, Mistral.*

Machine Learning Model – Personal Project | 2023

- **Customer Churn Prediction:** Trained a TensorFlow model with 95% accuracy using Python (Pandas/NumPy), enabling targeted retention strategies.
- Skills & Tools Used:** *Python, TensorFlow, Pandas, NumPy.*

Gas Pipeline Monitoring WebApp – Spartan Controls | 2021

- **Operational Efficiency:** Created a Python/Django tool for real-time pipeline diagnostics, reducing inspection time by 20%.
 - **Database Integration:** Designed PostgreSQL schemas to store sensor data, improving query speeds by 15%.
- Skills & Tools Used:** *Python, Django, PostgreSQL, JavaScript.*

Supply Chain Analytics Platform – Parkland Fuel Corp. | 2020

- **Real-Time Inventory Tracking:** Built a Power BI dashboard integrating SQL, Excel, and APIs, reducing manual reporting efforts by 60% for logistics teams.
 - **Data Aggregation:** Unified 5+ data sources into a single interface for real-time decision-making.
- Skills & Tools Used:** *Power BI, SQL, APIs, Excel.*

Vaccine Booking System – Alberta Health Services | 2020

- **Full-Stack Platform:** Developed a secure, scalable system and backend, handling 500+ daily appointments.
 - **Cloud Deployment:** Leveraged AWS (Lambda, S3, DynamoDB) for serverless architecture, achieving 99.9% uptime.
 - **Automated Testing:** Implemented Jest unit tests and CI/CD pipelines, reducing post-launch bugs by 20%.
- Skills & Tools Used:** *React, TypeScript, AWS (Lambda, S3), Node.js, Jest.*

AI Assistant – Personal Project | 2023

- Built an interactive AI assistant application that can be accessed by users
 - Integrated this into a mental health guidance for users.
- Skills & Tools Used:** *TypeScript, Ollama(Mistral), JavaScript, JSON, Docker.*

EDUCATION

BSc. Computer Science – University of Calgary | *Calgary, AB | Sept. 2016 - May 2022*

Diploma in Information Technology – Bow Valley College | *Calgary, AB | Jan. 2015 - May 2016*

CERTIFICATIONS

- **AWS Certified Cloud Practitioner** – Amazon Web Services | *Jan 2023.*
- **IBM AI Engineering Professional** – IBM | *Oct 2024.*
- **Google Cloud Professional Developer** – Google Cloud | *Feb 2023 (Expires Feb 2026).*