OVO OKPUBULUKU

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SUMMARY

I am a Senior Data and AI Engineer with a keen focus on Analytics workloads, Machine Learning, and Cloud Development Operations. I am on a career path that has exposed me to a rich set of project implementation and leadership opportunities, where I have supported projects with useful AI, Data, Machine Learning, and Cloud computing skills. I am seeking to leverage my expertise in Artificial Intelligence and Product Engineering to drive innovative solutions in a dynamic and forward-thinking organization, where I can continue to grow and contribute to impactful projects.

EXPERIENCE

Tactable.io., **Senior AI Engineer**
Jul 2025 - Present
• AI product consulting for Ad-Tech and Enterprise Banking & Finance industries. • Contributing with strategy, design, and implementation of technical solutions for client data and AI products. • Technical lead for a Full Stack AI solution design and development of use cases for DOOH campaign analysis and booking. • Technical lead, production model maintenance and retraining of Machine Learning models for AdTech application. • Senior Engineer, Production RAG Agent solution implementation, maintenance and improvements on Microsoft Azure AI stack, for a tier-1 Canadian Bank.

Badal.io Inc, **Senior Data Engineer**
Apr 2023 - Jul 2025
• Led hands-on data engineering delivery: implemented data pipeline designs, ran code sprints, and supported Lead Data Engineers and Architects. • Built CI/CD for analytics with dbt on BigQuery, orchestrated via Cloud Composer and deployed with Cloud Build; migrated Data Lake/Warehouse workloads from on-prem Hadoop to Dataproc. • Developed PoC ML and GenAI solutions: RAG apps using Google Gemini, an end-to-end ML workflow in Databricks on GCP, and agentic AI workflows (Regulatory Reporting, Customer Service, domain research) using LangGraph, LangSmith, RAG, and Qdrant. • Designed a secure GenAI architecture using Vertex AI foundation models over private endpoints for proprietary code conversion in enterprise data migration to Google Cloud.

Badal.io Inc, **Data Engineer**
Aug 2022 - Apr 2023
• Contributed to data engineering consulting project implementations for a leading Canadian Enterprise GCP Consulting company, specializing in data product deliverables and migration programs. • Onboarded as a key team member for Bank of Nova Scotia's Enterprise Data Lake Migration project, utilizing dbt-BigQuery and Terraform for infrastructure management. • Designed and operationalized data processing systems on Google Cloud Platform, ensuring high-quality machine learning model solutions.

Totogi LLC, **Data Engineer**
Mar 2022 - Aug 2022
• Led technical delivery for Totogi-AWS Pilot Project, deploying 4G/5G VoLTE Network Environment using Magma Core Architecture on AWS. • Developed data pipelines with Devflows, Glue Catalog Databases, DynamoDB and Amazon Athena for processing Telco Subscriber data. • Built a Charging Configurator Engine web app with Flask and AWS services for Plan and Account Creation.

Totogi LLC, **Data Scientist**
Jan 2022 - Mar 2022
• Scoping, discovery and development of a Machine Learning model PoC for Churn prediction from subscriber data in the telecom industry. • Redefined subscriber engagement for Telco carriers migrating to the public cloud, focusing on Data Science and Engineering. • Implemented platform configuration using Flask backend and AWS Glue and Athena for Online Charging System (OCS) and Support systems (OSS & BSS).

ReVisionz Inc, **Applied Machine Learning Specialist**
Aug 2021 - Dec 2021
• Contributed to the implementation of Content Organization & Text Extraction Software at Suncor Energy's ADLP using YOLO Object Detection and OCR with Microsoft Azure. • Trained image data with YOLO image recognition, evaluated models, and collaborated on projects using Azure DevOps and Atlassian Trello. • Achieved over 50% cost reduction for clients through AI/ML solutions at ReVisionz Inc.

Cybera Inc, **Data Science Fellow**
Jul 2021 - Aug 2021

• Led final sprint of Agile Data Science Project, leveraging Github capabilities for project development and code contribution. • Presented the team's project deliverables to the Stakeholders at Cybera and Hockey Actionable Insights. • Collaborated closely with teammates, Cybera Representative, and Hockey AI Domain Experts to deliver on project requirements. • Developed POC model for Recommender System using Gradient Boosting, Random Forests, and Logistic Regression.

Riipen, **Project Associate: Data Science, ML, & API Documentation**
Mar 2021 - Jul 2021
• Developed data pipelines for web scraping on Google Cloud Dataflow with Apache Beam Python SDK.; Conducted data analysis and machine learning for HR attrition using Tensorflow and Keras; Contributed to API productization for an immersive analytics visualization system.; Led database design and development for an auto electric parts inventory.

A4 Systems Corporation, **Technical Intern**
Jan 2021 - Mar 2021
• Conducted technology and industry research, heuristics, and documentation for the HERDWHISTLE project. • Completed Simplilearn Data Science Capstone Project on Retail Customer Segmentation with Python and Tableau. • Collaborated on a Global Internship SDG project, delivering a Data Science PoC to reduce Employee Attrition.

EDUCATION

CTO Academy
Digital MBA for Technology Leaders

Bow Valley College, Calgary AB
Industry Certifications for Data Science Tools

Simplilearn
Data Science Master's Program

SAIT, Calgary AB
Bachelors in applied technology, Petroleum Engineering

University of Benin, Benin City, Nigeria
Bachelor of Science, Industrial Chemistry

SKILLS

Design and Implementation of Data Pipelines • Data modeling, design, and administration concepts, SQL & NoSQL databases. • Machine Learning and LLM-based application development & deployment. • Data Visualization, Reporting and BI Analytics. • Platform Configuration Management, IaC, Serverless Deployments • Magma Core Telco Network Deployment on AWS • Design and Architecture of applications • Agile Project management, planning, and retrospectives