

TAIWO FAWUMI, PMP

Calgary, Canada | +1 403 800 1358 | <https://atopsolutions.net> | Email: taiwo.fawumi@atopsolutions.net

OBJECTIVE

Experienced, skilled, versatile, and efficient developer that supports companies and organizations to build, deliver and monetize data-driven products that adds value to the business and to the world at large.

AREAS OF EXPERTISE

- Data Engineering and Solution Architecture using Python, SQL, Azure, AWS, APIs, SFTP, JSON, XML, XSLT, Power-BI, SSIS, IBM.
- Data integrations and ETL solutions
- Data Science and Machine Learning
- HR Tech
- Data Geoscience
- Client-facing technical project management
- Innovative projects and critical thinking

CERTIFICATIONS

- | | |
|-------------------------------------------------------------|-----------|
| • Writing production-ready ETL pipelines in Python / Pandas | May 2022 |
| • IBM Data Engineering and Machine Learning Using Spark | Nov 2021 |
| • IBM Python Project for Data Engineering | Nov 2021 |
| • Microsoft Certified: Data Analyst Associate | Oct 2021 |
| • Microsoft Certified: Azure Data Engineer Associate | Aug 2021 |
| • AWS Certified Cloud Practitioner | June 2021 |
| • Microsoft Certified: Azure Data Fundamentals | May 2021 |
| • Project Management Professional | Dec 2020 |

EXPERIENCE

ATOP SOLUTIONS INC., CO-FOUNDER AND CEO, CALGARY, CANADA 2021 - PRESENT

PROJECTS:

EIGHTFOLD.AI, DATA INTEGRATION SPECIALIST / SOLUTIONS ARCHITECT, SANTA CLARA, CA, USA (REMOTE) 2021 - PRESENT

Responsibilities & Achievements

- **Building Data Integration Solutions** in the HR Tech Industry.
- Python/XSLT scripting to build, troubleshoot, and optimize data ingestion, validation, and transformation pipelines.
- Built a quality assurance AI model for data scrapping and natural language processing, to ensure continuous data integrity on Eightfold's AI platform.
- Built custom ETL pipelines for 15 Fortune 100 companies, enabling seamless and secure data transfer from their ATS/HRIS systems to Eightfold's AI TA/TM platform and serving as a trusted advisor to clients.
- Serving as a trusted advisor to Fortune 100 companies and providing them with data integration services, customer care services, project management services, to enable a seamless integration into Eightfold's AI production system.
- SFTP file transfers, API Integrations, and SSO authentication for clients to ensure secure access and file transfers.
- Enforcing sound data migration and integration best practices to ensure the quality delivery of the enterprise solutions.

TECK RESOURCES LTD, DATA SCIENTIST, CALGARY, CANADA 2021 - 2022

Responsibilities & Achievements

- **Building and optimizing machine learning models** for continuous value delivery in the Mining Industry.
- Built a machine learning model that optimizes the efficient usage of site equipment, using streaming data from IoT devices, to provide live, on-site equipment usage recommendations, periodic overview and classification of equipment activities, and recommendations for equipment maintenance, saving Teck \$100s of million dollars in equipment costs each year.
- Built a machine learning model that estimates ash content, sulfur, and phosphorus concentrations in coal samples using geophysical log measurements, saving up to \$10M in operation cost for the next 10 years and a time savings of up to 90%.
- Built compelling and interactive power BI reports and dashboards to present model results and tell data story.
- Technical documentation of models and techniques for product development teams.
- Worked with fellow Data Scientists and Engineers to ensure that all data solutions are consistent.

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EQUINOR, DATA INTEGRATION ENGINEER/ DATA ANALYST, STAVANGER, NORWAY

2018 - 2021

Responsibilities & Achievements

- ETL Pipeline development using Azure Data Factory, Azure SQL Data Warehouse
- **SharePoint site and application development** using Microsoft PowerApps.
- Analyzed key performance indicator (KPI) requirements through collaboration with stakeholders.
- Built several fit-for-purpose Power BI reports and dashboards around the identified KPIs.

EQUINOR, GEOSCIENTIST / PROJECT COORDINATOR, STAVANGER, NORWAY

2012 – 2018

Responsibilities & Achievements

- Developed a new well trajectory design workflow for Equinor; won the prestigious 2018 SVP award for most innovative LEAN idea for a more efficient work process.
- Successfully **managed a company-wide implementation project** covering teams in US, Norway, Canada, UK and Brazil.
- Created several software applications within the field of geo-steering which continued to be the most used tools within Equinor's geo-steering community.
- Designed and successfully geo-steered many complex horizontal wells within several challenging geological environments.
- Reduced my field development project cost by \$250M through smart optimization of subsurface templates and well location.
- Supported several oil and gas development and production projects with core geophysical and geological interpretation services.

SCHLUMBERGER CAMBRIDGE RESEARCH, DATA GEOSCIENTIST, CAMBRIDGE, UK

2012 - 2012

Responsibilities & Achievements

- Developed MATLAB scripts for seismic signal processing; travel time signal picking, near-surface velocity calculation, sensor location calculation.
- Designed the first-ever seismic acquisition experiment to use a seismic receiver (geophone) as a seismic source.
- Two (2) publications in the prestigious Geophysics Journal - the SEG Geophysics Journal.

EDUCATION

Business Intelligence: Data Analysis and Reporting Certificate

Awarded 2021

Southern Alberta Institute of Technology (SAIT), Calgary AB. 4.0/4.0 GPA

Master of Science, Applied Earth Sciences

Awarded 2012

Delft University of Technology (TU Delft), Netherlands 3.91/4 GPA (Distinction, 95th percentile)

- **Scholarships:** *Society of Exploration Geophysicists (SEG) Scholarship, Huygens Scholarship - EUR 30K (Most talented MSc student - Top 5%), Shell Centenary Scholarship - EUR 40K (1 awarded)*

Master of Science, Applied Geophysics

Awarded 2012

ETH Zürich, Switzerland

Master of Science, Applied Geophysics

Awarded 2012

RWTH Aachen, Germany

Bachelor of Technology, Applied Geophysics

Awarded 2009

Federal University of Technology Akure (FUTA), Nigeria 3.75/4 GPA (First Class Honors)

- *Best graduating student (cohort 500+), 2 scholarships, 4 Prizes*

MISCELLANEOUS

- **Volunteering** as a Graphics Designer to various NGOs since 2004.
- Passionate about UI/UX and front end designing / styling.