Zeid **Ombotimbe**

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SKILLS

Cloud Data Platforms: Snowflake, Google BigQuery, Databricks (GCP & Azure)
Data Engineering & Orchestration: Apache Airflow, dbt, Apache Kafka, PySpark, SQL (T-SQL, PostgreSQL), DuckDB
Programming & Infrastructure: Python, Scala, Docker, Kubernetes, Git
Data Analysis & Machine Learning: Pandas, NumPy, Scikit-learn, XGBoost, PyTorch, Tableau, Power BI, Looker
Professional Skills: End-to-End Project Ownership, Proactive Problem-Solving, Cross-Functional Collaboration

EXPERIENCE

PERASUS |Data Consulting, Insurance & Banking, Retail, Telecom
Data Engineer - Data Platform & Analytics   *Jul 2024 – Present, Bamako, Mali*
Platform Engineering, ETL/ELT Automation, Real-time Data Infrastructure

- **Orange Mali**: Assisted in building and maintaining real-time data pipelines using Azure Data Factory and PySpark to ingest millions of daily mobile money transactions into Snowflake. Monitored pipeline performance and helped troubleshoot data quality issues for operational dashboards.
- **Sunu Assurance**: Supported the migration of legacy claims data to Snowflake by writing and testing SQL transformation scripts and dbt models. Contributed to documentation and helped automate core Power BI dataset refreshes from the new cloud warehouse.
- **Coccinelle**: Developed scheduled Azure Data Factory pipelines to consolidate daily sales and inventory data from 14 retail locations into a central database. Maintained and updated the data backend for the Streamlit executive dashboard.
- **Cross-Client Automation**: Created reusable Python scripts to validate and clean incoming client data, improving pipeline reliability. Assisted in optimizing PySpark jobs in Azure Databricks for better performance.

Data Analyst - Business Intelligence   *Jul 2022 – Jun 2024, Bamako, Mali*
Financial & Operational Analytics, Dashboard Development, Process Improvement

- Analyzed multi-channel sales data (web, mobile, retail) to identify underperforming product categories and regional trends. Built a Tableau dashboard for the marketing team that correlated promotional spend with revenue impact, directly informing the Q4 campaign strategy.
- Developed weekly performance reports tracking transaction volume, user growth, and agent network activity from a Snowflake data warehouse. Automated the distribution of these reports via email, saving the operations team over 10 hours of manual work each week.
- Investigated a 15% quarter-over-quarter increase in auto claims by geolocation and driver demographics. Created a Power BI dashboard with interactive maps that identified three high-risk postal codes, leading to a revised premium model.
- Established the process for tracking and reporting on consulting project profitability by cleaning and joining data from Salesforce, Jira, and internal billing systems in Python (Pandas), providing leadership with their first unified view of project margins.

DATA CREATIVE | SQL, and Power BI Training
Instructor   *Jan 2023 – May 2024, Remote*
Technical Training, Data Analytics, and Professional Development

- Delivered interactive, live training sessions in SQL, and Power BI to over 60 learners, including beginners, intermediates, and advanced corporate and early-career professionals, achieving an average instructor rating of 4.7 stars across three courses.
- Designed and facilitated hands-on, real-world exercises and modern course materials tailored to diverse audiences, enhancing participants' practical skills in data analysis, querying, and visualization.
- Collaborated with the Data Creative team to refine curriculum and ensure alignment with industry standards, contributing to the success of a hands-on, expert-led training model.

EDUCATION

UNIVERSITY OF THE PEOPLE
*Bachelor of Science (B.S.), **Computer Science***
Pasadena, CA
GPA: 3.41/4.0

STRATHMORE UNIVERSITY
*Associate of Science (A.S.), **Computer Science***
Nov 2020 | Nairobi, Kenya
GPA: 3.75/4.0

CERTIFICATIONS & AWARDS

InteRussia STEM Specialists Fellowship (The Gorchakov Foundation)
Selected international fellow; 4-week Innovation Workshop at Skoltech focused on interdisciplinary prototyping and applied research | Sep 2025 | Moscow, Russia

Applied Data Science Lab Certificate
Advanced training in applied data science and machine learning through eight industry-focused projects | WorldQuant University | Jan 2025 | Online

Google Advanced Data Analytics Certificate
A comprehensive program covering machine learning, data cleaning, visualization, and statistical analysis to solve real-world problems | Google | Dec 2024 | Online via Coursera

Data Skills for All (DS4A) certificate
Completion of an 8-week program preparing fellows for data-driven roles, Awarded Outstanding Community Citizenship for significant contributions to the learning, growth, and community culture of the DS4A Program | Correlation One | Dec 2023 | Online

COURSEWORK

Data Structures & Algorithms
Applied Statistics
Linear Algebra
Differential Equations
Data Mining
Discrete Mathematics
English Composition
Calculus 1 & 2

INTERESTS

Research • Traveling • Fitness • Nutrition • Horses • Open-source • Self-improvement