

SADIQ IBRAHIM UMAR

Software Engineer | Data Engineer | Full Stack Developer

Abuja, Nigeria | +2347015070004|sadiqib0@outlook.com|<https://www.linkedin.com/in/sadiqumar>|Github: Sadiqib0

PROFILE SUMMARY

Versatile Software and Data Engineer with experience building scalable applications and robust data solutions across web, mobile, and cloud environments. Proficient in Flutter, Firebase, SQL, and AWS-based data pipelines, with a strong focus on clean architecture, system optimization, and end-to-end problem-solving. Skilled in transforming business requirements into reliable software features and analytics-ready data systems, delivering high-quality, efficient, and user-focused solutions.

EDUCATION

Cyprus International University

2022 - 2025

BSc, Software Engineering

Nicosia, Cyprus

- **GPA:** 3.14

- **Achievements:** Honors

Kano State Polytechnic

2015 - 2017

National Diploma, Computer Science

Kano, Nigeria

- **GPA:** 3.78

- **Achievements:** High Honors

PROFESSIONAL EXPERIENCE

Universal Basic Education Commission(UBEC)

2025 - present

Data Engineer

Abuja

- Designed and implemented scalable ETL/ELT pipelines to ingest, clean, and transform large-scale educational datasets, improving data reliability and reporting accuracy across departments
- Built and optimized data models and analytics-ready tables using SQL and cloud storage, enabling faster insights and supporting data-driven policy and funding decisions
- Automated data workflows and monitoring using Python, Airflow, and AWS services, reducing manual processing, improving pipeline reliability, and strengthening data governance

Nigeria Safety Investigation Bureau (NSIB)

2024 - 2025

Software Engineering Intern

Abuja

- Assisted in developing internal tools for data collection and analysis, leveraging Python to enhance data-driven insights.
- Contributed to debugging and testing applications to ensure robust and reliable data processing pipelines.
- Engaged in Agile ceremonies, including daily standups and sprint planning, to foster effective team collaboration.

Technical College

2021 - 2022

HighSchool Tutor - Mathematics & Computer Studies

Kano

- Designed lesson plans and hands-on exercises to improve student understanding
- Provided mentorship and academic support in STEM subjects

PROJECTS

CityPulse – Real-Time Event & Analytics Platform

- Designed and built a real-time data ingestion platform using **FastAPI, WebSockets/Kafka, PostgreSQL, Redis, and Docker**, enabling low-latency event streaming and processing
- Implemented **asynchronous event pipelines** and background workers to process and store **50k+ events/day**, improving system scalability beyond traditional CRUD APIs
- Developed **live analytics dashboards and alerting logic** using SQL and Pandas, providing real-time insights into traffic, weather, and simulated IoT data
- Containerized and deployed the system using **Docker Compose and AWS infrastructure**, demonstrating hands-on experience with distributed systems and cloud-ready architectures

Luxury Lodges- Integrated Web and Mobile App

- Engineered a responsive web application with a Node.js backend, delivering clean API-driven interactions and scalable server-side logic
- Developed a cross-platform mobile application using Flutter (Dart), ensuring consistent UX and high performance across Android and iOS
- Collaborated in a team environment to own the end-to-end development lifecycle, from system design and implementation to deployment and testing

TECHNICAL SKILLS

-
- **Programming Languages:** Python, JavaScript, Java, SQL
 - **Frameworks & Libraries:** FastAPI, ExpressJS, Spring Boot, ReactJS, Flutter, Pandas, PySpark, SQLAlchemy, Hibernate
 - **Tools & Platforms:** Git/GitHub, Docker, Docker Compose, Node.js, Postman, Firebase, Linux
 - **Cloud & Data Engineering Tools:** AWS (EC2, S3, Lambda, RDS, Glue, Kinesis, Redshift), Apache Airflow, Apache Spark, CloudWatch
 - **Databases & Storage:** PostgreSQL, MySQL, MongoDB, DynamoDB, Data Warehousing, S3 Data Lake, Data Modeling (Star/Snowflake)
 - **Concepts & Methodologies:** RESTful APIs, Microservices Architecture, Event-Driven Systems, Async Processing, ETL/ELT Pipelines, Stream & Batch Processing, Relational & NoSQL Databases, CI/CD, API Security (JWT)
 - **Professional Strengths:** System Thinking, Ownership Mentality, Analytical Problem Solving, Scalability Mindset, Rapid Learning

CERTIFICATIONS

-
- **Mobile App Development:** Udemy (2023)
 - **Software Development:** Cyprus International University (2025)
-