

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 <i>BSc, Software Engineering</i>	2022 - 2025 Nicosia, Cyprus
• GPA: 3.14 • Achievements: Honors	

Kano State Polytechnic <i>National Diploma, Computer Science</i>	2015 - 2017 Kano, Nigeria
• GPA: 3.78 • Achievements: High Honors	

PROFESSIONAL EXPERIENCE

Universal Basic Education Commission(UBEC) <i>Data Engineer</i>	2025 - present 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) <i>Software Engineering Intern</i>	2024 - 2025 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 <i>HighSchool Tutor - Mathematics & Computer Studies</i>	2021 - 2022 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)
-