

JOSHUA SALAKO

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📍 Lagos, Nigeria



Highly accomplished and meticulous AI and software developer with 5+ years of experience in crafting scalable, efficient, and innovative solutions that propel business growth, amplify user engagement and drive technological advancements. Passionate about harnessing the power of technology to improve lives, foster collaborative digital ecosystems, and push the boundaries of innovation, with expertise in AI/ML (TensorFlow, PyTorch, Keras), software development (Python, Dart), and agile methodologies.

SKILLS AND TECHNOLOGIES

Backend Development (Python)

Proficient in building robust and scalable server-side applications using:

- Frameworks: Django, Flask, FastAPI
- Databases: MySQL, PostgreSQL, MongoDB, Redis
- Design: RESTful APIs, Secure API gateway, Authentication (OAuth, JWT)
- Encryption (e.g., SSL/TLS)
- Object-Relational Mapping (ORM): SQLAlchemy, Django ORM
- Cloud & Containerization: Docker, Kubernetes, AWS, Google Cloud Platform (GCP), Microsoft Azure
- Database modeling, Database normalization & Query optimization
- Agile methodologies: Scrum, Kanban

Soft Skills

- Strong team player with excellent communication and interpersonal skills
- Problem-solver with the ability to prioritize tasks and manage multiple projects
- Able to pay attention to detail, organize codes with proper documentation

Version Control

- Git & GitHub

PROFESSIONAL EXPERIENCE

Backend Developer

Titan Galaxy 

2021 – 2022

Abeokuta, Nigeria

- Designed and developed a high-performance RESTful API using Flask, securely processing over 1,000 daily transactions.
- Implemented a scalable data warehousing solution using PostgreSQL, optimizing data retrieval time by 25% and improving query performance.
- Collaborated with cross-functional frontend teams to ensure seamless API integration, resulting in a 30% increase in user engagement and a 20% reduction in app crashes.
- Ensured API security and compliance with industry standards, utilizing encryption, authentication, and access controls.

EDUCATION

Federal University of Agriculture, Abeokuta
Electrical and Electronics Engineering

2019 – 2024
Nigeria

PROJECTS

Mobile Veterinary Telemedicine Application

Mobile & Backend Development

- Developed an Android app that connects pet owners with local veterinary professionals using Google Maps API
- Key features include user authentication, appointment scheduling, and notification systems

Library Management System

Backend Development

- Developed a microservices-based Library Management System using Django and Django Rest Framework
- Implemented user enrollment, book management, and borrowing functionalities, including advanced filtering

Pi Digits Generator Application

Mathematics

- A web-based application that generates π to a very large number of decimal places

PUBLICATIONS

**Fish-NET: Advancing Aquaculture Management through
AI-Enhanced Fish Monitoring and Tracking** 

Sep 2024

AGRIS on-line Papers in Economics and Informatics

AWARDS

Google Solution Challenge

2023

Google

- Awarded a Certificate for submitting a solution in the 2022 Solution Challenge hosted by Google Developer Student Clubs.