

OKPE GODWIN PHILLIPS

Software Engineer

Makurdi, Benue

+2348122694518

okpegodwin18@yahoo.com

<https://github.com/OkpePhillips>

<https://okpephillips.netlify.app/>

<https://www.linkedin.com/in/godwinokpe>

TECHNICAL SKILLS

Python, Dart, JavaScript, C, Rust
Django, Flask, FastAPI, Express, Flutter
Html & CSS
MYSQL, Postgresql, MongoDB, Firebase

API Documentation, Technical Writing
RESTful API Development & Integration
Mobile app development and deployment
Git/Github

PROFESSIONAL EXPERIENCE

WinPhils Tech Ltd

Mobile Engineer | Feb., 2025 - Date

- Developed and deployed cross-platform apps using Flutter
- Integrated backend RESTful API
- Implemented Admob monetization strategies
- Optimized app performance using Riverpod for state management

FarmLink

Backend Developer | July, 2025 - Date

- Developed multi-role auth with JWT and KYC support for farmers, consumers, logistics, and admins.
- Built and documented RESTful APIs using DRF and drf_yasg, covering products, cart, orders, and admin tools.
- Implemented cart-to-order conversion with item aggregation and stock checks
- Structured scalable backend with reusable serializers, FBVs, and Cloudinary image uploads.

APIN Public Health Initiatives

M&E Assistant | June 2020 - Date

- Conducted routine monitoring to optimize data reporting efficiency
- Ensured data quality through routine data validation and assessments
- Managed data entry and reporting using DHIS and EMR
- Trained focal persons and facility staff on correct use of data management tools

AgriOk Rwanda

Backend Developer | Sept. - Dec., 2024

- Developed and deployed a scalable Django REST API
- Integrated MQTT servers for real-time sensor data capturing
- Utilized PostgreSQL for relational data and InfluxDB for efficient handling of sensor data
- Ensured comprehensive API documentation

ALX Software Engineering

Software Engineering Intern | Feb., 2023 - Jun., 2024

- Completed 12+ months of rigorous, project-based learning in C, Python, JavaScript, and DevOps.
- Built core system-level projects including a custom UNIX shell in C and a file manager in JavaScript.
- Developed full-stack applications like AirBnB clone (Python + Flask) and a Scholarship Hub platform (Django).
- Gained proficiency in Git, Linux, REST APIs, data structures, and test-driven development.

HNG Internship

Backend Developer | Sept., 2022 - Mar., 2023

- Assist users to Host web Projects on our server when faced with technical challenges
- When necessary, I help users restructure their code entry point to align correctly with our server requirement
- Design, develop, and maintain software applications using Python, JavaScript, TypeScript, and React.

RELEVANT PROJECTS

AgriOK API - An Agricultural Management System

- A full-featured backend system for a farm management platform with MQTT server for real-time sensor data tracking
- Implemented custom user authentication, farmland management, trending posts, insights, and product administration
- Integrated an MQTT server for real-time sensor data ingestion, storing time-series data in InfluxDB for analysis

FarmLink - Agri-Commerce API

- RESTful API for a multi-role agriculture trading platform.
- Built endpoints for user profiles, product listings, cart and order management, and admin controls.
- Used Swagger (drf_yasg) for rich API documentation and testing.

Scuibai - ML-Powered Job Matching Platform

- Backend for a platform that uses machine learning to connect skilled workers with job opportunities.
- Designed APIs for user onboarding, notifications, payments, and subscription handling.
- Integrated a custom ML recommendation engine for personalized job suggestions.
- Features email verification and image storage with Cloudinary

Catholic Hymn Book App - Mobile App

- A searchable, offline-accessible app containing Catholic hymns.
- Implemented search by title or author and PDF previews.
- Designed with a clean UI, supporting both Android and iOS platforms.
- Had over 20,000 downloads on Playstore

EDUCATION

Master of Public Health (Epidemiology)

In-view | Ahmadu Bello University, Zaria

Certificate in Software Engineering

2024 | ALX Africa

BSc. Microbiology (CGPA 4.49)

2018 | Federal University of Agriculture, Makurdi