OKPE GODWIN PHILLIPS
Software Engineer

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TECHNICAL SKILLS

Python, Dart, JavaScript, C, Rust

Django, Flask, FastAPI, Express, Flutter

Html, CSS, JavaScript

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

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

HNG Internship/Heed Inc.
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)
- Built a robust RESTful API using Django REST Framework, enabling secure authentication and efficient data handling
- Designed and implemented key endpoints for 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
- Documented the API using Swagger (drf_yasg) to enhance developer accessibility and integration.

ScholarshipHub API (Scholarship Information & Review Platform)
- Developed a RESTful API using Django REST Framework, providing users access to global scholarship opportunities
- Implemented user functionalities including scholarship search, eligibility details, application guidance, and commenting system for discussions
- Built an SoP (Statement of Purpose) review feature, allowing registered users to request and receive professional feedback
- Designed admin capabilities for managing scholarship posts, retrieving users, deleting accounts, and uploading reviewed SoP

EDUCATION

Master of Public Health (Epidemiology)
In-view | Ahmadu Bello University, Zaria

Certificate in Software Engineering
2024| Africa Learning Experience (ALX)

BSc. Microbiology (CGPA 4.49)
2018 | Federal University of Agriculture, Makurdi