

# **Okwoli Joshua Okwoli**

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## **Profile Summary**

Innovative Software Engineering student with over a year of hands-on experience in mobile application development using Flutter and Firebase. Adept at building robust, user-friendly apps with real-time features, strong state management, and API integration. Experienced in developing solutions in healthcare, agriculture, and fintech, with a passion for solving real-world problems through technology.

## **Education**

B.Sc. Software Engineering

Veritas University Abuja — Oct 2023 – Oct 2027

## **Core Skills**

- Mobile Development: Flutter , GetX State Management/Bloc State Management
- Backend & Cloud: Firebase (Firestore, Authentication, Storage, Cloud Functions)
- Programming: Dart, Python
- Databases: Firebase Firestore, MySQL (basic)
- Version Control: Git/GitHub
- Other: UML diagram design (StarUML), socket programming

## **Key Projects**

### **MaizePlant (Flutter, TensorFlow, Firebase)**

- AI-powered mobile app for maize disease detection using image-based computer vision.
- Offline predictions via TensorFlow Lite with Firebase integration for data logging.

### **PayOff (Flutter, Firebase)**

- Offline payment transfer app with secure transaction handling.
- Syncs data to Firebase when online for backup and consistency.

## **NuraHelp (Flutter, GetX, Firebase) — Ongoing**

- Healthcare app with AI chat, appointment booking, health tracking, and patient-doctor communication.
- Real-time features using Firebase Authentication, Firestore, and Cloud Storage.

## **Experience**

### **Intern — Yottabit Consulting (April 2024 - October 2024)**

- Gained foundational and practical skills in Flutter mobile development.
- Contributed to small-scale internal projects, applying learned concepts in real-world scenarios.

### **Intern — Digital Bridge Institute (July 2025 - September 2025)**

- Supporting software development projects and contributing to technical implementations.
- Gaining hands-on exposure to modern tools, workflows, and collaborative coding practices.

### **Self-Employed Developer (Ongoing)**

- Designed multiple mobile and IoT projects for academic, personal, and client use.

## **Certifications**

- IBM iOS and Android Mobile App Developer (Ongoing)