

Tamunotonye Bob-Manuel

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Flutter Mobile App Developer

Innovative Flutter Developer with hands-on experience delivering high-performance, cross-platform applications and integrating seamlessly with backend systems. Proficient in Dart, Flutter, and state management solutions (BLoC, Riverpod, Provider), with expertise in offline-first databases such as Hive and Isar. Proven track record of optimizing performance and building responsive apps that boosted user engagement by **30%**, while maintaining clean, scalable, and maintainable code.

WORK EXPERIENCE

Airstacks

08/2023 - Present

Mobile App Developer

- Collaborated with a team of backend engineers to build a cross-platform consultation app with role-based access, advanced state management (Bloc), and modular architecture for scalability.
- Integrated Stripe for secure billing, automated consultant revenue tracking, and session-based payments.
- Built real-time features including WebSocket messaging, push notifications, and Agora SDK video consultations with countdown timers.
- Lead the team to build a recycling app enabling users to log item drop-offs with photo evidence, track contributions, and earn reward points redeemable in-app.
- Integrated Google Maps with custom markers and routing to display nearby recycling centers and provide navigation to drop-off locations.
- Implemented state management with Riverpod, optimized form flows for item submissions, and developed campaign view for recycling initiatives.

SpyderDev Nigeria

05/2024 - 12/2024

Mobile Application Developer • Part-time

Nigeria

- Built and maintained a production-ready file-sharing platform with QR/6-digit codes, encrypted messaging, and organisational profiles.
- Implemented Hive-based caching and symmetric encryption to ensure data privacy and secure user transactions.
- Delivered real-time QR scanning features and code-based retrieval for fast, frictionless file and text sharing across users.
- Designed scalable app architectures adaptable for SME to enterprise-grade projects, aligning technical execution with client requirements.

Arit of Africa

07/2023 - 12/2023

Software Development Intern

- Assisted in building and testing Flutter app features, gaining practical exposure to state management (Provider) and REST API integration.
- Contributed to debugging sessions and performance tuning, helping reduce widget rebuilds by **15%**, which improved app responsiveness during QA testing.
- Contributed to debugging sessions and performance tuning, helping reduce widget rebuilds and improve app responsiveness during testing.
- Collaborated with senior developers to document workflows, write unit tests, and adopt Git branching strategies, increasing onboarding efficiency for new interns by **20%**.

EDUCATION

Bachelor of Science (B.Sc.) in Computer Science

Rivers State University

08/2024

Relevant coursework: Algorithms and Data Structures, Database Management Systems, Operating Systems, Software Engineering.

PROJECTS

Workout & Steps Tracker App

Built with Riverpod/Provider, Hive for offline storage, and custom UI to track workouts and steps with daily/weekly insights.

Motion Detection System

Python + OpenCV app with Tkinter UI; detects motion via live camera feed and triggers email/SMS alerts.

Offline Finance Tracker App

Flutter app with Bloc + Isar; supports budgeting, offline income/expense tracking, and financial insights with charts.

SKILLS

- **Programming Languages:** Dart, Java, Python
- **Frameworks & Libraries:** Flutter
- **Version Control:** Git, GitHub
- **Tools & Platforms:** Firebase, Insomnia, Postman
- **Software Development Practices:** Agile, RESTful API Development
- **CI/CD Pipelines:** Shorebird
- **State Management:** BLoC, Provider, Riverpod