

Olaoluwa Toki

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EDUCATION

University of Lagos

B.Sc. Electrical and Electronics Engineering

Lagos, Nigeria

Jan. 2020 – Sept. 2026

EXPERIENCE

Mobile Developer

May 2026 – Present

234Drive Limited

Lagos, Nigeria

- Collaborated across the engineering team to architect and develop Fortel, a cross-platform Flutter mobile application for vehicle management and diagnostics, using BLoC state management and dependency injection ahead of beta launch
- Built vehicle onboarding and document management workflows, including VIN lookup/validation and document upload, scanning, and organization, tested across **5+** vehicles and **20+** documents
- Developed vehicle diagnostic features covering live data monitoring, system scans, and fault code retrieval, supporting **5,000+** diagnostic trouble codes (DTCs) via REST APIs and real-time WebSocket connections
- Set up a CI/CD pipeline (Codemagic, GitHub Actions, Fastlane) with per-flavor signing and Sentry-based production monitoring, shipping **16+** releases across development and staging environments

Mobile Developer

Nov 2024 – April 2025

AutoMotion Technologies Limited

Lagos, Nigeria

- Redesigned key UI components, increasing user engagement by **10%** through data-driven refinements
- Resolved critical front-end errors flagged by Sentry, reducing crash rates by **18%** and improving app stability
- Implemented biometric authentication (Face ID, Touch ID) and push notifications to strengthen security and retention

Flutter Developer

Aug 2023 – Jun 2024

Sigil Inc

Lagos, Nigeria

- Designed and owned an API consumption strategy combining image caching and pagination for a fintech app supporting cross-border and cryptocurrency transactions, improving data synchronization rate by **14%**
- Built a shared library of **7** reusable UI components (including cards and forms) used across the team, increasing sprint velocity by **12%**
- Identified and fixed unoptimized list rendering using lazy loading and memoization, reducing screen load time by **35%**

PROJECTS

Paypadi | Flutter, Dart, Riverpod, Firebase, Dio/Retrofit, Sentry

Nov 2025 – Jul 2026

- Developed PayPadi, a fintech wallet and payments application in Flutter, supporting user and driver onboarding, wallet management, deposits, transfers, and transaction history for **20+** test users
- Implemented QR code payments, beneficiary management, bank account configuration, and receipt generation with PDF export and transaction sharing, processing **500+** transactions during testing; added Sentry monitoring, resolving **5** issues during beta testing

AgSol | Flutter Web, Riverpod, REST APIs

Oct 2025 – Jan 2026

- Developed AgSol, a **20+** screen AI-powered precision agriculture platform built as a responsive Flutter Web application for farm management and crop intelligence, used by **15+** beta users across mobile, tablet, and desktop experiences
- Implemented secure authentication and onboarding with email/OTP verification, and built farm creation workflows supporting SHP, GeoJSON, and KML boundary file uploads, enabling **35+** farms and **50+** boundary files created during beta testing
- Built a map-centered dashboard (Syncfusion Maps) for farm parcel visualization and surveillance history, plus AI-powered decision-support features covering crop classification, health monitoring, yield forecasting, and an AI assistant interface

Dialink | Flutter, Express, Node.js, MongoDB

Jan 2025 – March 2025

- Led end-to-end development of a medical appointment booking app (under **10** screens), onboarding **5** patients and supporting **10+** appointments booked during testing
- Designed a responsive UI/UX to streamline appointment scheduling and navigation
- Built a secure Node.js/Express backend with MongoDB, ensuring encrypted storage of sensitive data in line with healthcare privacy standards (HIPAA/GDPR principles)

Ellipsis Care | Flutter, BLoC, Django REST, Firebase, Twilio

Aug 2024 – Feb 2025

- Developed Ellipsis Care, a **40+** screen cross-platform Flutter health assistant used by **65+** beta users, enabling voice-based health questions with AI-generated audio responses and processing **200+** voice queries
- Built medication and meal reminder management with scheduled notifications and voice-command support, alongside health dashboards for tracking meals, medications, routines, and health metrics
- Implemented an SOS emergency feature using Twilio to notify stored emergency contacts and nearby users or organizations in real time

TECHNICAL SKILLS

Languages: Dart, Java, C++, Python

Programming Skills: Mobile Development, Backend Systems, Clean Architecture, REST API Integration, CI/CD & DevOps

Frameworks, Libraries & Databases: Flutter, BLoC/Cubit, Riverpod, AutoRoute, Dio, Retrofit, Spring Boot, Node.js, Express, Supabase, PostgreSQL, MongoDB, Firebase, Hive

Developer Tools: Git, GitHub, GitLab, Codemagic, GitHub Actions, Fastlane, Sentry