

Oluwadare Emmanuel Temidire

Software Developer

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 Lagos, Nigeria

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Summary

I'm a software developer specializing in **Flutter** and **web technologies**, passionate about crafting high-quality, scalable applications that improve everyday digital experiences. I bring a strong foundation in mobile and frontend development, with a focus on clean architecture, responsive UI design, and performance optimization. Whether working independently or within cross-functional teams, I take pride in delivering pixel-perfect, user-centered products with production-level polish.

Professional Experience

Software Engineer

HNG, Lagos, Nigeria | Jan 2025 – Mar 2025

- Built multiple mobile applications including a **Country Info App** (with real-time API integration) and **3D Controlla**, a 3D model viewer supporting animation playback using Flutter.
- Collaborated on a team project called **Telex**, a real-time messaging app; implemented the **WebSocket handler using Centrifugo** to manage client connections and channel subscriptions.
- Integrated local storage and public APIs to develop mobile-first features.
- Engaged in weekly code reviews, demos, and agile development sprints, receiving commendation for architecture contributions.

Mobile Developer

Pettify (Start-up), Lagos, Nigeria | May 2024 – Present

- Architected and developed core features for a **pet e-commerce mobile application** using **Flutter/Dart**, encompassing pet adoption workflows, accessories marketplace, and dynamic cart management systems.
- Implemented comprehensive authentication and data persistence infrastructure using **Firebase Auth** and **Fire-store**, complemented by secure local storage solutions for seamless offline functionality.
- Engineered robust **state management architecture** to handle complex user interactions and real-time data synchronization across multiple app modules and dynamic UI components.
- Delivered advanced user experience features including lifecycle-aware splash screens, intelligent address auto-complete powered by **OpenCage API**, lazy-loading, and efficient caching mechanisms that reduced API call redundancy by 40%.
- Collaborated with design team to implement adaptive **theme system** supporting both dark and light modes, ensuring consistent brand experience across all user interfaces.
- Optimized production deployment pipeline by implementing comprehensive error handling, removing debug dependencies, and establishing monitoring systems for enhanced app stability and performance.

AI Trainer

Meta AI, USA (Remote) | Jul 2024 – Sep 2024

- Collected, curated, and annotated image datasets.
- Verified AI-generated labels to improve training accuracy.
- Recorded voice data for AI model training on **Ray-Ban smart glasses**.
- Supported linguistic testing to improve speech recognition accuracy.

Mobile Developer

Flex, Lagos, Nigeria | Jan 2022 – feb 2024

- Built a comprehensive **travel and events discovery app** using Java/XML with Android SDK, implementing event search, ticket purchasing workflows, itinerary planning, and user preference management with SQLite database integration.
- Developed dynamic UI components using **RecyclerView adapters**, **ViewPager2**, and custom **Fragment** architectures, translating UI/UX designs into Material Design components with responsive layouts and implementing **ViewModel/LiveData** patterns for state management.
- Orchestrated **RESTful API integration** using Retrofit2 and OkHttp, implementing authentication flows, pagination, offline caching with Room database, and comprehensive error handling for network timeouts and JSON parsing exceptions.
- Built real-time features including **push notifications** via Firebase Cloud Messaging, location-based recommendations using Google Maps SDK, and secure payment gateway integration with PCI compliance considerations.

- Established testing frameworks with **JUnit**, **Espresso**, and **Mockito**, achieving 85%+ code coverage, and applied **MVVM architectural pattern** with Dagger2 dependency injection and ProGuard obfuscation for optimized performance.
- Leveraged **Git workflows** with feature branching and CI/CD pipelines, collaborating with cross-functional teams including backend developers, designers, and QA engineers to deliver features within sprint cycles.

Software Developer (Intern)

ALX Africa | Jan 2021 – Nov 2021

- Built backend microservices using **Spring Boot** and API Gateway for routing and service orchestration.
- Created reusable UI components and supported frontend consistency.
- Ran system stress tests to ensure service reliability.

Projects

QR Create (Side Project)

Personal Project | Feb 2025

- Designed and developed a comprehensive multi-format QR code generator using Flutter and Dart, supporting WiFi credentials, contacts (vCard), text, URLs, and social media profiles with real-time preview functionality.
- Implemented advanced features including batch QR generation, CSV import for bulk processing, customizable styling options (colors, logos, sizes), and high-resolution export capabilities in multiple formats (PNG, SVG, PDF).
- Leveraged Riverpod for scalable state management with clean architecture patterns, integrated Hive NoSQL database for offline QR history with custom data serialization and implemented dynamic theming with system preference detection.
- Built comprehensive sharing functionality with native platform integration, applied performance optimizations including lazy loading and efficient memory management, and incorporated production-level error handling with input validation and graceful degradation.

Education

Professional Diploma in Software Engineering
National Institute of Information Technology (NIIT)
2020 – 2023, Lagos, Nigeria

Skills & Tools

Mobile Development

Languages & Frameworks: Dart, Flutter, Java, XML
Highlights: Cross-platform development, Android UI/UX (Material Design), Firebase integrations, performance tuning

Frontend Development

Languages & Tools: HTML5, CSS3, JavaScript, TypeScript, React.js, Next.js, TailwindCSS
Highlights: Responsive UI, animation with Framer Motion, component-based architecture, accessibility

Backend & APIs

Tools & Platforms: Firebase (Firestore, Auth, Functions), RESTful APIs
Highlights: Authentication flows, API integration, data modeling, caching strategies

Dev Tools & Collaboration

Toolbox: Git & GitHub, CI/CD (GitHub Actions), Postman, Chrome DevTools, Secure Storage
IDEs & Platforms: Android Studio, Visual Studio Code
Collaboration: Figma (UI handoff & design systems), Agile/Scrum workflow