Oyeyemi Obaloluwa Emmanuel

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Professional Summary

Results-driven Full Stack & Flutter Developer and Cybersecurity Science undergraduate with 4 years of experience designing, developing, and deploying scalable, production-ready applications across web, mobile, and backend platforms. Expert in Flutter for cross-platform mobile apps with pixel-perfect UI/UX, alongside strong backend skills in NestJS, Java Spring Boot, and Firebase. Proven track record of delivering secure authentication systems, payment integrations, real-time features, and complex data workflows. Passionate about building user-focused, high-performance digital products from concept to deployment.

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Core Skills

Mobile Development: Flutter (Dart), React Native (Expo)

Frontend Development: React, Next.js, Tailwind CSS, shadcn/ui

Backend Development: Node.js, NestJS, Java Spring Boot, PHP

Databases & Storage: PostgreSQL, MySQL, Firebase Firestore, Cloudflare R2

Security: JWT Authentication, Role-Based Access, OTP Login, Email Verification, Password Reset

Cloud & DevOps: Firebase Hosting, Cloudflare, Docker, GitHub Actions (CI/CD)

Payments & Monetization: Flutterwave, Paystack, Virtual Coins, Ads Revenue

Data Tools: CSV Data Cleaning, Python Data Analysis

Other Tools: Git, Swagger API Docs, Notion, REST API Design

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Professional Experience

Technoville HQ – Full Stack & Flutter Developer

(Oct 2024 – Present)

Led mobile development for Okies, a TikTok-style short-video platform with Flutter, delivering pixel-perfect UI/UX and smooth animations.

Developed backend APIs in NestJS + Firebase for authentication, wallet systems, payments, admin tools, and analytics.

Integrated Cloudflare R2 for scalable media storage and streaming.

Implemented real-time chat, gifting, and creator monetization features.

Technoville Nigeria – Software Developer

(Mar 2022 – Oct 2024)

Built Flutter mobile apps and React web apps for client projects.

Created responsive UI components and ensured cross-platform compatibility.

Integrated secure payment gateways (Flutterwave, Paystack) and OTP login flows.

Optimized API performance and implemented authentication best practices.

Freelance Developer

(Jan 2021 – Mar 2022)

Designed and delivered Flutter mobile apps for startups and personal projects.

Built custom REST APIs and integrated them with mobile UIs.

Managed deployments and handled client revisions to meet business goals.

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Notable Projects

Okies (Flutter, NestJS, Firebase, Cloudflare R2)

Short-video social media app with live streaming, wallet & payments, gift system, and admin dashboard.

Designed seamless onboarding with OTP/email login.

Developed follow system, analytics, and coin-based revenue tracking.

Delivered pixel-perfect mobile UI in Flutter.

Secure Task Manager API (Java Spring Boot, PostgreSQL, JWT)

Secure backend with authentication, RBAC, email verification, password reset, task CRUD, CSV export, and WebSocket updates.

Student Grading Portal (Java Spring Boot, Thymeleaf, PostgreSQL)

Full-stack portal for managing students, courses, and grades with clean MVC architecture.

Event Registration System (PHP, MySQL)

Backend for managing registrations, ticket validation, and attendee tracking.

GoShare (Go, CLI, QR Codes)

CLI tool for fast local file sharing over Wi-Fi, with QR code generation.

CyberSentinel Dashboard (Next.js, Tailwind, shadcn/ui)

Dark-themed cybersecurity dashboard capable of running backend tests and visualizing results in real-time.

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Education

B.Tech – Cybersecurity Science (Ongoing)

Federal University – Expected Graduation: 2028

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Achievements & Highlights

Delivered production-ready MVPs for startups and clients.

Built 10+ professional Flutter apps and web projects.

Self-taught multiple programming languages and frameworks while studying full-time.

Integrated secure payment flows and scalable cloud storage into live products.