DANIEL OPOKU (XORAX)

Full-Stack Web, Mobile App (iOS & Android) & Automation Bot Developer

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EXECUTIVE SUMMARY

High-velocity Full-Stack Developer, Mobile Application Engineer, and Automation Architect based in Accra, Ghana (18–20 years old), operating under the **Xorax** engineering brand. Proven ability to take digital products from initial concept to production deployment across modern web platforms (Next.js, React, TypeScript, PHP, HTML5/CSS3), cross-platform mobile applications for Apple iOS and Google Android (React Native & Expo), cloud-native PostgreSQL/NoSQL backends (Supabase, Firebase, MongoDB), and automated WhatsApp & Telegram bot ecosystems.

TECHNICAL STACK & CORE COMPETENCIES (18 TECHNOLOGIES)

Engineering Domain	Core Languages, Frameworks & Platforms	Production Focus
Frontend & Web Architecture	React, Next.js 14 (App Router), TypeScript, JavaScript (ES2024+), HTML5, CSS3, Tailwind CSS	Responsive UI, SSR/ISR, 3D interactive interfaces, SEO & Web Vitals
iOS & Android Mobile Dev	React Native, Expo, Mobile UI/UX Systems, Native Device APIs	Cross-platform iOS & Android apps from unified TypeScript codebases
Backend & Cloud Databases	Supabase (PostgreSQL, Auth, Realtime), PHP, Node.js, Python, Firebase, MongoDB	REST APIs, Row-Level Security (RLS), authentication & real-time sync
Messaging Bots & AI Systems	WhatsApp Bot Programs (Baileys / Cloud API), Telegram Bot API, AI & LLM APIs, Git & GitHub	Automated customer workflows, group moderation, media & AI chat agents

CORE ENGINEERING PILLARS & EXPERIENCE

1. iOS & Android Mobile Application Development (Xorax Mobile)

- Architects and ships responsive cross-platform mobile applications for both Apple iOS and Google Android using React Native, Expo, and strict TypeScript.
- Implements smooth native navigation, real-time AI chat interfaces, voice/prompt workflows, and offline-resilient state management connected to Supabase and Firebase backends.

2. Full-Stack Web Platforms & Supabase Cloud Engineering

- Builds modern full-stack web applications and SaaS dashboards using Next.js 14, React, Tailwind CSS, PHP, HTML5, and CSS3 with pixel-clean responsiveness across mobile, tablet, and desktop viewports.
- Designs relational PostgreSQL schemas on Supabase with Row-Level Security (RLS), OAuth/Email authentication, real-time database subscriptions, and automated transactional email pipelines.

3. WhatsApp & Telegram Automation Bot Programs

- Engineers high-uptime multi-channel bot programs for WhatsApp (via Node.js & Baileys) and Telegram (Telegram Bot API) serving automated commands, AI-powered conversational replies, and group administration tools.
- Develops modular plugin architectures supporting instant media processing, webhook triggers, and custom business messaging workflows.

4. AI Assistants, Custom APIs & Developer Community (@xoraxhub)

- Integrates Large Language Models (LLMs) and Python/Node.js backend microservices into web, mobile, and messaging interfaces to automate complex user tasks.
- Shares full-stack engineering insights, bot development workflows, and modern software tutorials across GitHub (`xoraxteam900-star`), YouTube (`@xoraxhub`), TikTok (`@xoraxhub`), and X (`@xorax_dev`).