FRANK KELECHI OGE

SOFTWARE ENGINEER | FULL-STACK & BACKEND SYSTEMS | AI PRODUCT DEVELOPMENT

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PROFESSIONAL SUMMARY

Software engineer and founder experienced in designing, building, and shipping full-stack applications, backend services, AI-enabled products, automation systems, and offline-first mobile applications. Works across the software lifecycle, from requirements and data modelling to API design, implementation, testing, deployment, and iteration. Core engineering experience includes Python, FastAPI, Django REST Framework, TypeScript, React, Next.js, PostgreSQL, Redis, and SQLite, with practical integrations involving LLMs, payment providers, messaging platforms, and third-party APIs. Builds independently, contributes to open-source software, and translates operational problems into maintainable software.

TECHNICAL SKILLS

Programming: Python, TypeScript, JavaScript, SQL, HTML5, CSS3, Solidity
Backend & APIs: FastAPI, Django, Django REST Framework, Flask, Node.js, NestJS, REST API design, authentication, webhooks
Frontend & Mobile: React, Next.js, Tailwind CSS, React Native, Expo, responsive application development
Databases & Data: PostgreSQL, MySQL, SQLite, Supabase, Redis, schema design, multi-tenant data modelling
AI & Integrations: LLM API integration, OpenAI API, Google Gemini, Groq, retrieval-augmented generation (RAG), prompt engineering, AI-assisted workflows
Infrastructure & Tools: Git, GitHub, Docker, Linux, Nginx, CI/CD, Celery, AsyncIO
Payments & Platforms: Paystack, Flutterwave, Telegram Bot API, WebRTC, WebSockets, Google Places API, OpenStreetMap

PROFESSIONAL EXPERIENCE

Founder & Software Engineer | Hackverse Software Solutions | *2025–Present*

- Founded and led a software development business delivering web applications, backend systems, AI-enabled products, automation, and client solutions.
- Own end-to-end delivery across discovery, requirements analysis, technical architecture, database design, implementation, deployment, and client communication.
- Build and maintain software across multiple domains, integrating payment gateways, external APIs, messaging services, and role-based workflows.
- Develop reusable engineering capabilities through open-source projects and independently shipped products.

Freelance Software Engineer | Independent / Contract Projects | *2023–Present*

- Design and develop custom web applications, APIs, business platforms, and automation tools using Python, Django, FastAPI, React, and Next.js.
- Implement application features including authentication, administrative dashboards, data management, third-party integrations, and payment workflows.
- Work directly with clients to translate business requirements into deployable software and iterate based on feedback.

SELECTED ENGINEERING PROJECTS

LeadRadar | *Open source* | *Python, FastAPI, SQLite, AsyncIO, Groq, Telegram*
Built an asynchronous buyer-intent monitoring system that polls multiple communities, forums, and job platforms; filters and scores opportunities using heuristics or LLM reasoning; deduplicates findings; and sends actionable Telegram alerts with triage workflows.

LeadFinder | *Open source* | *Python, AsyncIO, OpenStreetMap, Google Places*
Developed a local-business prospecting tool that searches map data, classifies businesses by website presence and condition, discovers contact details through targeted page crawling, and exports leads for outreach.

UGC Deal Engine | *Open source* | *Python, Flask, SQLite, Gemini, Hunter.io, Apify*
Built an intent discovery and outreach workflow for UGC creators and agencies, combining brand discovery, lead qualification, contact enrichment, personalized message drafting, and reply- or opt-out-aware outreach sequencing.

OMPH Chaplaincy Platform | *Next.js, TypeScript, PostgreSQL, Supabase, PWA*
Developed a digital platform for a diocesan healthcare chaplaincy, including liturgical calendar and readings synchronization, Mass timetable and intention booking, multilingual content, administrative tools, and offline-capable PWA features.

Inkognito | *Product* | *Next.js, TypeScript, WebRTC, WebSockets, encryption*
Designed and built an anonymous social platform focused on privacy-preserving participation, contextual pseudonyms, ephemeral posts, real-time text and video conversations, encrypted direct messages, and an AI companion with safety-oriented triage.

Stella AI | *Product* | *React, Next.js, FastAPI, Django REST, PostgreSQL, Redis*
Building an AI-powered learning platform that transforms lectures, PDFs, and other learning materials into structured notes, summaries, flashcards, assessments, study plans, and knowledge-based learning experiences.

SkoolPlan | *In development* | *Web platform and mobile application*
Developing a school management platform intended to bring academic and administrative operations into one system, including student and parent experiences, attendance, finance, school services, and role-based workflows.

ShopFlow | *Android application* | *React Native, Expo, SQLite, Zustand, TypeScript*
Built an offline-first mobile commerce application with a locally persisted product catalogue, multi-facet filtering, product variants, checkout flow, order tracking, and store-management functionality.

Fiorio | *Android application* | *React Native, Expo, SQLite, Zustand, TypeScript*
Built an offline-first travel discovery and booking application spanning hotels, flights, car rentals, experiences, and dining, with local listing data, multi-currency support, and customer, admin, and partner roles.

Ikegwuru / Kwechiri | *Web application* | *Next.js, TypeScript, Tailwind CSS*
Built a brand and commerce experience for a clothing label, combining editorial storytelling, brand identity, and responsive e-commerce presentation.

EDUCATION

B.Sc. Computer Science, Second Class Upper — Caritas University, Enugu, Nigeria | 2026