

KENNEDY CHINWO

Fullstack Developer & AI Engineer | Go & Next.js Specialist
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PROFESSIONAL SUMMARY

Results-driven Fullstack Developer and AI Engineer with deep expertise in architecting high-performance backend systems, production-grade AI integrations, and intelligent automation workflows. Proven track record building secure, cloud-native applications -- from real-time fraud detection platforms to enterprise RAG systems -- with emphasis on clean architecture, system reliability, and scalable infrastructure. Adept at bridging complex backend logic with polished frontend experiences, delivering end-to-end solutions that drive measurable business impact.

TECHNICAL SKILLS

Backend:

Go (Gin, GORM), Node.js, RESTful APIs, Microservices, PostgreSQL, Firebase/Firestore, Docker, CI/CD

Frontend:

Next.js 15+, React 19, TypeScript, Tailwind CSS, PWAs, Responsive Design

AI & Automation:

RAG Architecture, LLM Integration (Groq, Llama 3/4), AI Workflows, NLP, Semantic Search, Real-time Inference

Security & DevOps:

Ethical Hacking (Kali Linux), OAuth/JWT, Secure API Design, Git, Postman

Web3:

Sui Blockchain, Solidity, Storj Decentralized Storage

WORK EXPERIENCE

Fullstack Developer Intern

Dmiebi IT Ventures | Jan 2024 -- Oct 2024

- Architected Go backend services with RESTful APIs supporting high-throughput data operations and third-party integrations.
- Developed modern JavaScript/TypeScript web apps with cloud-native architecture and real-time data sync.
- Implemented secure auth flows (OAuth/JWT) and AI-powered features leveraging external LLM APIs.

FEATURED PROJECTS

Koe -- AI Text-to-Speech Studio

Next.js, Node.js, Microsoft Azure Neural TTS, Piper TTS (Docker), WebSocket

- Dual-engine TTS platform: cloud Microsoft Neural voices + offline Piper TTS via Dockerized local inference.
- Real-time audio streaming via WebSocket with modular architecture for latency/cost/privacy-based engine switching.
- Integrated text sanitization, SSML support, and voice preset management for production audio workflows.

Asguard -- AI Fraud Detection System

Go, Gin, Firebase, Custom AI Scoring Engine

- Real-time fraud detection pipeline analyzing financial transactions with rule-based scoring and AI risk assessment.
- Auto-categorizes risk (Low/Med/High) and generates natural language AI summaries for flagged events.
- Scalable Go backend with sub-second latency for high-volume transaction streams.

Azeru -- Enterprise RAG Platform

Go, GORM, Next.js, Groq AI (Llama 3/4), Vector Search

- Enterprise RAG platform ingesting PDFs into searchable knowledge bases via semantic vector search.
- Intelligent text chunking with context-aware conversational interfaces for private document insights.
- Optimized query latency and relevance scoring for citation-backed AI responses.

Hauser -- Real Estate Platform

Next.js, React, Firebase, Firestore, Cloud Functions

- Real estate marketplace with automated role detection, dynamic listings, and real-time updates.
- Auto image optimization, click analytics for premium tiers, and serverless Firebase Cloud Functions backend.

Vpipe -- AI CLI Debugger

Go, Groq API, OpenAI, Anthropic

- CLI assistant piping build errors into multi-provider LLM APIs for instant, actionable fix suggestions.
- Auto-sanitization engine masking 20+ sensitive patterns (API keys, IPs, tokens) before external AI calls.
- Smart truncation respecting token limits while preserving critical error context across providers.

EDUCATION

Bachelor of Technology in Cybersecurity

Federal University of Technology, Owerri (FUTO)