HAYAB NOMMOH ISAAC

Software Engineer | Full Stack Developer | Web 3 Developer

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SUMMARY:

Backend & Full-Stack Engineer skilled in Golang, and JavaScript/TypeScript for scalable backend development, microservices, and Web3 integrations. Experienced with Next.js, Tailwind CSS, and Prisma for modern frontend development, delivering seamless full-stack applications. Strong expertise in building RESTful and gRPC APIs, database management (PostgreSQL, MongoDB, MySQL, Redis), and deploying with Docker, CI/CD, and cloud platforms (Railway, Render, Fly.io). Proficient in smart contract development (Solidity) and Web3 tools like wallet authentication, blockchain APIs, and DApp integration.

PROFESSIONAL SKILLS:

Frontend Development:
Next.js, React, Tailwind CSS, Zustand, TypeScript

API Development::
RESTful APIs, gRPC APIs, Microservices

Databases:
PostgreSQL, MongoDB, MySQL, Prisma ORM, Redis

Backend Development:
Golang, Node.js

Web3 Development:
Solidity, Smart Contracts, Wallet Integration, Blockchain APIs, DApps

DevOps & Cloud:
Docker, Kubernetes, CI/CD, Railway, Render, Fly.io

WORK EXPERIENCE:

Independent Backend Engineer
Freelance, Remote - Jan 2024 - Present
- Built a real-time chat service with gRPC + WebSockets, MongoDB storage, and Kubernetes scaling.
- Developed the Expense Tracker API (Go, Gin, PostgreSQL, Redis, Docker) with JWT auth, optimized queries, and Docker-based deployment.
- Applied security best practices, role-based access control (RBAC), and CI/CD pipelines for automated deployments.

Freelance Full-Stack Developer
Remote - 2023 - 2024
- Built *takki* (A Trello-styled Task Manager Dashboard with Next.js + Go API) with drag-and-drop task boards, real-time WebSocket updates, and role-based permissions.
- Created a Blogging Platform (Next.js, Prisma, PostgreSQL, Tailwind) with Google Authentication, SSR for SEO, and secure session management.
- Designed frontend UIs with Tailwind and optimized backend APIs for performance and scalability.

Web3 Developer

Independent Projects, Remote - 2023 - Present
- Developed a Decentralized Voting DApp (Solidity + Next.js + Ethers.js) with MetaMask wallet authentication and blockchain transparency.
- Built an NFT Marketplace (Solidity, Prisma, WalletConnect) for minting, buying, and selling NFTs, with PostgreSQL for off-chain metadata.
- Integrated Web3 authentication, wallet connections, and blockchain APIs into full-stack apps.

PROJECTS:

Real-Time Chat Service (Go + gRPC + WebSockets):

https://github.com/ayo-69/real-time-chat
- **Backend for a chat platform supporting multiple rooms and private chats.**

Frontier NFT (Solidity + Next.js + Tailwind):

https://github.com/ayo-69/frontier
- **DApp where users can mint, buy, and sell NFTs**

takki (Next.js + Go API + Tailwind):

https://github.com/ayo-69/takki
- **Trello-style app for managing tasks, connected to your Go REST API.**

EDUCATION:

Bachelor's Degree in Computer Science- November 2024 - Present

Federal University of Minna, Niger, Nigeria