

Henson Kudi Amah

Senior Full-Stack Engineer & Team Lead

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SUMMARY

Senior full-stack engineer and team lead with 5+ years building secure, high-availability backends for fintech, payments and crypto. I design modular microservices with Clean Architecture, DDD and event-driven patterns on AWS. Starting in accounting and finance, I reason about money-moving systems as ledgers that must balance and reconcile — currently leading a VARA-regulated custodial crypto exchange.

EXPERIENCE

Team Lead & Product Owner

Jan 2026 — Present

[ITSEC](#) · [Nexus Crypto Exchange](#) · [Dubai](#)

Promoted to lead a VARA-regulated custodial crypto exchange end to end — roadmap, backlog and sprint planning for a cross-functional team, while remaining hands-on in architecture and code review.

Senior Backend Developer

Mar 2025 — Jan 2026

[Odix Pay](#) · [Dubai](#)

Built a crypto-to-fiat card-payment backend in ASP.NET Core with Clean Architecture, multi-chain integration and multi-tenancy, deployed to AWS ECS with GitHub Actions CI/CD.

Contract Technical Lead

Oct 2024 — Mar 2025

[NFC Rent](#) · [Dubai](#)

Delivered a car-rental platform with fiat & crypto payments and an investment portal for fractional vehicle ownership with smart-contract asset tracking, on Node.js and PostgreSQL.

Technical Lead / Full-Stack

Oct 2022 — Sep 2024

[Alba Cars LLC](#) · [Dubai](#)

Led six engineers across the SDLC. Refactored a legacy monolith into Node.js microservices, introduced event-driven patterns with Redis Streams and WebSockets, and shipped WCAG-standard React/Next.js SPAs.

Full-Stack Blockchain Developer

Sep 2020 — Oct 2022

[Strider Labs LLC](#) · [Abu Dhabi](#)

Developed and audited Solidity smart contracts for DeFi and NFT projects with a focus on gas efficiency, and built React dashboards with wallet auth and on-chain analytics.

SKILLS

Languages

TypeScript · JavaScript · C# · Python · SQL · Solidity

Backend & architecture

Node.js · NestJS · Express · ASP.NET Core · Django / Flask · Microservices · Clean Architecture · DDD · Event-Driven · REST · TDD

Cloud & DevOps

AWS (ECS, EC2, Lambda, RDS, S3) · Docker · Kubernetes · Terraform · CI/CD

Data & blockchain

PostgreSQL · MongoDB · Redis · EVM / Ethereum · Tron · Bitcoin · Fireblocks · Liminal-
· Wallet infrastructure

LANGUAGES

English (Native) · French (Professional)