

HARRISON EZE

Full-Stack Software Engineer • React / Next.js • Node.js & Python • Smart Contracts

Lagos, Nigeria | Open to Global Remote

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SUMMARY

Full-stack software engineer specializing in AI infrastructure, modern web applications, and decentralized systems. Engineering lead of PrivexBot, a privacy-first AI chatbot SaaS on Secret Network's TEE. Maintainer and contributor across Stellar-funded open-source projects at Drips Network. Winner of the 2026 LI.FI Agentic Commerce Vibeathon. Experienced building and shipping production systems end-to-end using React, Next.js, Node.js, Python, FastAPI, and smart contracts.

EXPERIENCE

Full-Stack Engineering — PrivexBot

Dec 2025 – Present

privexbot.com • Privacy-first AI chatbot SaaS

- **Frontend:** Built the entire customer-facing application in **React + TailwindCSS** — dashboard, bot training UI, multi-channel deployment console, and pricing/billing flows.
- **Backend:** Designed and shipped the REST APIs powering bot training, embedding indexing, multi-channel webhook delivery, and tier management.
- **AI infrastructure:** Architected a confidential AI inference pipeline on **Secret Network's Trusted Execution Environment (TEE) via secret AI SDK**, with a multi-format RAG ingestion service supporting PDF, DOCX, CSV, Google Sheets, websites, and YouTube transcripts.
- **Integrations:** Shipped multi-channel deployment to **Website, WhatsApp, Slack, Discord** via one-line embed; **Zapier** automation for CRM, lead capture, and booking flows.

Maintainer & Contributor — Drips Network

Jan 2024 – Present

Remote • Open-source maintainer across Stellar-ecosystem projects

- **Reviewed 50+ pull requests, mentored 10+ new contributors, and gate-merged** across full-stack repos spanning AI, payments, and on-chain logic.
- Shipped full-stack features across [Careguard](#), [Lernza](#), and [Stellar-MarketPay](#) — from UI components through API endpoints to Soroban contract integration.
- Engineered a **fully automated maintainer workflow** — issue triage, code review routing, PR auto-merge — using **OpenClaw** and **GitHub Actions**, collapsing weekly overhead from hours to minutes.

Bounty Contributor — Akash Network

Jan 2024 – Present

Remote • Full-stack contributor to the decentralized-compute ecosystem

- Collaborated with the **Akash Network core team** on the Akash VPN project; upstream contributions to the [Akash Network website](#) (Astro-based) and ecosystem repos.
- Built [AkashChatAgent](#) end-to-end — Next.js frontend, Node backend mediating Akash Chat API streaming inference, and a polished consumer-grade UX demonstrating decentralized AI as a viable production option.

Independent Full-Stack Engineer — Contract & Freelance

2023 – Present

Lagos / Remote • Full-stack delivery across AI, Web3, and dev tooling

- Delivered full-stack applications across AI tooling, Web3 infrastructure, automation systems, and developer platforms.
- Maintains 250+ public GitHub repositories spanning AI, blockchain, and full-stack engineering projects.
- Earned GitHub Pull Shark x3 with 16+ merged pull requests in external repositories.
- Built and integrated a complete e-commerce backend API and frontend system as part of the ALX Software Engineering capstone project.

SELECTED PROJECTS

Dispatch — *Overall Winner, LI.FI Agentic Commerce Vibeathon 2026*

News-triggered autonomous cross-chain trading agent. End-to-end: news ingestion, LLM signal processing, agent orchestration via MCP servers, cross-chain execution via LI.FI's intent/solver marketplace. [Public reference](#).

PrivexBot — *Privacy-first AI chatbot SaaS — full-stack delivery*

Next.js + React frontend, Python/Node backend, Secret Network TEE inference, multi-channel deployment, Zapier integration. [Visit](#).

Stash — *Capstone, Web3Bridge Solidity Cohort 14*

Non-custodial smart-contract neobank for inflation-heavy economies. USDC vaults + peer-to-peer transfer with wallet-native UX, designed for African users whose currencies depreciate faster than centralized exchanges can be trusted.

Uniswap v4 Compliance Hook — *Capstone, Atrium Uniswap Hook Program Cohort 8*

Uniswap v4 hook enforcing autonomous cross-chain compliance via a 4-tier risk scoring system — gating swap execution against on-chain risk signals.

PROGRAMS & COMMUNITY

- **Web3Bridge Solidity Program (Cohort 14 Alumni)**
- **Atrium Uniswap Hook Program (Cohort 8 Alumni)**
- **Founder School Hub** — 10-week founder program for AI/crypto/blockchain startups
- **ALX (ALX Founder Academy | ALX AI Career Essentials | ALX Software Engineering Program)**

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, Solidity, Shell/Bash

Frontend: React, Next.js (App Router, Server Components, Server Actions), TailwindCSS, Astro, shadcn/ui, Radix, Framer Motion, responsive design, accessibility (WCAG)

Backend (Node): Node.js, Express, Next.js API routes, NestJS, tRPC, REST, GraphQL, webhooks, OAuth, JWT

Backend (Python): FastAPI, Django, Django REST Framework, Pydantic, SQLAlchemy, Celery, asyncio

Databases & Caching: PostgreSQL, MongoDB, Redis, vector databases (Pinecone, Chroma)

AI & Agents: OpenAI API, LangChain, MCP servers, RAG, prompt engineering, autonomous agent architectures, n8n, Zapier, OpenClaw

Web3 & Smart Contracts: Solidity, FHE, Foundry, Hardhat, Uniswap v4 hooks, EVM, ethers, viem, wagmi, Stellar/Soroban, Akash, LI.FI cross-chain

Infra & DevOps: Docker, GitHub Actions (CI/CD), Vercel, Linux/systemd, validator node operations, decentralized compute (Akash)

EDUCATION, AWARDS & COMMUNITY

- **B.Eng., Metallurgical & Materials Engineering** — University of Nigeria, Nsukka (UNN), **NYSC** completed 2023.
- **Award-winning essayist:** 2nd Place, **ARSO National Essay Competition 2020** (top 3 nationally; advanced to continental round); Second Runner-Up, **CIPMN National Essay Competition 2021**.
- **Technical writer** on [Hashnode](#) and [Medium](#)
- Active member, **Toastmasters International (Surulere, Lagos)**.