HUSSEIN KIZZA

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PROFILE

Product and engineering leader with 7 years of building software, teams and communities. I take products from idea to market, pairing technical depth with product strategy, sales and partnerships, and have led and mentored teams. Focus: AI and cloud infrastructure for Africa.

- Founded Nile Squad Labz and built NylonPay, a payments API live in more than four African markets, processing thousands of transactions, backed by a growing network of payment gateway partners.
- Created Delta Agents, an open-source AI agents framework with built-in safety, governance and provenance.
- Built a microfinance product as an engineer, then moved into sales and helped onboard hundreds of microfinance institutions.
- Founded Dev Community in 2024, a WhatsApp developer community of 10,000+ members; lead partnerships for JavaScript Community Uganda.
- Head of AI & Software at Uganda's national engineering federation; speaker at PyCon Africa 2026.

EXPERIENCE

LEADERSHIP & GROWTH

Founder & CEO 2025 January – Present

Nile Squad Labz Limited · Kampala, Hybrid

- Set company strategy and lead the team across product, engineering and go-to-market for a portfolio of payments, AI and business software products.
- Built NylonPay from the ground up: one integration for mobile money, cards and bank transfers, live in more than four African markets and processing thousands of transactions for hundreds of users.
- Secured NylonPay's payment gateway partnerships and strategic partners across the ecosystem and payment rails.
- Building Nylon Cloud, an African-centric cloud infrastructure product.
- Created Delta Agents, an open-source AI agents framework with built-in safety, governance and provenance, where every agent action is authorized or escalated to a human.
- Shipped 3M Business Suite and Team Buddy, an AI copilot for lean teams, on one shared platform and engineering standards I set for the team.

Head of AI & Software 2024 November – Present

Federation of Engineers, Technicians and Technologists of Uganda · Kampala

- Shape strategy, governance and programs with the federation's leadership to raise engineering standards across Uganda.
- Lead the AI agenda: how engineers use AI in daily work to increase throughput and shorten delivery time.

Partnerships & Community Lead 2023 August – Present

JavaScript Community Uganda · Kampala

- Run partnerships, sponsorships and developer relations; sponsors include Supabase, Koodeyo, Lyrictape and Qraft Academy.
- Co-organise community meetups, including the 2025 Supabase Launch Week meetup in Kampala.

Sales Executive

2024 January – 2024 December

Kisa Developers Ltd · Kampala

- Led the sales team selling the company's microfinance product to microfinance institutions.
- Helped onboard hundreds of institutions and trained their staff, carrying the product from engineering into the market.

Marketing Strategist, B2B

2021 June – 2021 November

SHETAM Consults Ltd · Kampala

- Ran the company's B2B marketing strategy and digital presence; designed brand identities for clients, from logos to business stationery.

Product & Growth	Product Strategy & Roadmaps · Customer Research · Go-to-Market · Partnerships & Sponsorships · Sales & Customer Onboarding · Community-Led Growth · Developer Relations · B2B Marketing · UI & UX Design
Leadership	Technical Leadership · Team Leadership · Mentoring · Business Modelling & Strategy · Project Management · Stakeholder Management · Open Source Maintenance · Public Speaking

ENGINEERING

Core Engineer

2025 September – Present

Build It For Me · San Francisco, Remote

- Architect and build Nextpress, a self-hostable, WordPress-compatible CMS in TypeScript, owning software infrastructure and system design.
- Shipped its SDK and an MCP server so AI agents can edit content, working across time zones with a US-based team.

Full Stack Engineer, Contract

2025 January – 2025 February

CareerOnTrack AI · United States, Remote

- Streamlined the core backend, shipped AI features and implemented a new dashboard design, in Node.js, MongoDB and Next.js.

Senior Software Engineer

2023 February – 2023 December

Kisa Developers Ltd · Kampala

- Built the company's microfinance product end to end, in Python, SQLite and JavaScript.

Senior Frontend Engineer

2022 August – 2023 January

Afebrile Healthcare Solutions Limited · Kampala, Hybrid

- Built a suite of healthcare applications, including a telehealth marketplace, to the standards of the healthcare industry.
- Owned design mockups, UI and UX, and frontend delivery in Next.js, TypeScript and Tailwind CSS.

Freelance Full Stack Developer

2021 November – 2022 August

Upwork · Remote

- Took ideas from founders, startups and small businesses to launched products, owning each from idea to deployment.
- Built a real estate platform solo, with asset management and personal branding tools for agents.

Architecture & AI	System Architecture · High-Level System Design · Software Infrastructure · Payments Infrastructure · Applied AI & Agent Systems · MCP Servers · Prompt Engineering · AI Safety
Languages	TypeScript · JavaScript · Python · Rust · Go · Erlang · Gleam
Frameworks	React · React Native · Next.js · Node.js · Bun · FastAPI · Hono · Drizzle · Zod · Tauri · Tailwind CSS
Data & DevOps	PostgreSQL · SQLite · MongoDB · Supabase · Docker · Google Cloud (GCP) · Linux · Tailscale · MikroTik RouterOS · RADIUS · Git, GitHub, GitLab

PROJECTS & OPEN SOURCE

Delta Agents
Open-source AI agents framework with built-in safety, governance and provenance.

Shiftnet WiFi Billing · Lead developer
WiFi hotspot and ISP billing on MikroTik, serving hundreds of users.

Z Js Framework · 200+ GitHub stars
Low mental overhead JavaScript framework for single page applications.

Slang Ts
Functional programming library for TypeScript, with Rust and Erlang style utilities and zero dependencies.

Regist
Declarative, human-readable syntax for regular expressions.

Nextpress
All of WordPress on JavaScript: a self-hostable CMS with an SDK and an MCP server for AI agents.

Nile Js
TypeScript-first, service and action oriented backend framework on Hono, Zod, Bun and Drizzle.

Writter Desktop
Offline-first desktop markdown editor for notes and writing, built with Tauri and Rust.

TS RouterOS
MikroTik RouterOS client library in TypeScript, for managing routers from code.

Duotone Theme · 5,000+ installs
Dark theme for VS Code, using two complementary hues for clear syntax hierarchy.

PUBLIC SPEAKING & WORKSHOPS

Victoria University, Kampala 2026
Guest speaker, Student Developers Community launch: why Africa is behind in global innovation and what young innovators can do about it.

PyCon Africa 2026
AI Agents: Give AI a Job, Some Tools, and Get Out of the Way. Live demo of agents drafting risk reviews under human oversight.

PyLadies Kampala Open Source Summit 2026
Invited speaker on open source and community.

PyCon Uganda 2024
Python for the Web: full web apps, frontend included.

Developer Meetups, Kampala 2023 – Present
JavaScript Community Uganda and others.

COMMUNITIES

Dev Community 2024 – Present
Founder and community lead of a local WhatsApp-based developer community with 10,000+ members; mentor developers on skills and careers.

WRITING

AI Is Not Just a Technology Race. It Is a Sovereignty Race 2026
LinkedIn article

10 Problems With People Learning to Code 2023
Guide for self-taught developers, on husseinkizz.me

ACHIEVEMENTS & CERTIFICATIONS

Community Builder Accelerator, Alumni · TGN Ventures, US 2026

Engineer Membership · FETU 2024

NASA Open Science · NASA 2024

Africa Developer Scholarship · Google 2022

EDUCATION

High School Diploma 2019 – 2020
Friends Academy Katende · Physics, Economics and Mathematics

HOBBIES

Chess · Checkers · Music Mixing & Lo-fi