

Jovia Minallah Matata

Full stack developer · Kampala, Uganda

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PROFILE

Full stack developer and third year Software Engineering student at Makerere University. I build fast, accessible web apps that solve real problems, from Shopify apps that run a store's orders to an AI agent that helps people plan big life changes. I care about code quality, security and testing, and build with technical SEO and AEO in mind from the start.

EXPERIENCE

Frontend Developer · ScaleUp Build

Volunteer · Since 2026

Building the company website with the design team: accessible, responsive pages, the founder application form with validation, and the product waitlist connected to the backend API.

Frontend Engineering Intern · True Minds Innovation

Internship · Feb to Apr 2026

Built React interfaces during a frontend engineering internship, completed with a certificate.

Content Creator · KOICA Uganda

Volunteer

Made videos and Canva designs.

SELECTED PROJECTS

Velora · AI agent for life transitions

Solo · In progress

Plans big life changes, like moving abroad or starting university, as missions with tasks, deadlines and documents.

- Rebuilt from a hackathon prototype with the agent running in the app on free tier infrastructure.
- Trust by design: the agent acts only through typed tools, risky actions need confirmation, every change can be undone.
- CI with secret scanning, type checks, unit and browser tests, and evaluations of the agent's answers.

Built with: Next.js, TypeScript, MongoDB, Auth.js, Gemini, Tailwind CSS, Playwright

FlowBoard · Shopify app

Solo · In App Store review

Turns a store's orders into a drag and drop board with the team's own stages, inside the Shopify admin.

- Table and calendar views, order notes, checklists, automations, a Shopify Flow trigger and CSV export.
- Shopify billing with two plans, access logs for customer data and nightly encrypted backups.

Built with: React Router, TypeScript, Prisma, PostgreSQL, Shopify App Bridge

Yosync · Shopify and Notion sync

Solo · Reworking

Keeps a store's orders and products in sync with Notion, using webhooks and a scheduled sync.

- Found and fixed a security hole in the Notion connection flow, and silent data loss on busy stores.

Built with: TypeScript, Node.js, Express, PostgreSQL, Shopify and Notion APIs

ScaleUp Build website

Team · Live

Company site for a startup support company. scaleup-website-frontend.vercel.app

Built with: React, Vite, Tailwind CSS

Rydr · Polkadot hackathon prize winner

Team · Live

Peer to peer ride sharing with smart contract escrow. Built the ride search with maps, the step by step ride offer flow and the payment step. rydr-gamma.vercel.app

Built with: React, Tailwind CSS, ethers.js, Polkadot wallets, Mapbox, Appwrite

SKILLS

Frontend: React, Next.js, TypeScript, JavaScript, Tailwind CSS, HTML and CSS

Backend: Node.js, Express, PHP and Laravel, REST APIs, PostgreSQL and Prisma, MongoDB, MySQL

AI: LLM integration (Gemini, Claude, GPT), AI agents and tool calling, prompt engineering, LangChain, Python

Mobile: Kotlin, Jetpack Compose

Tools: Git and GitHub, CI with GitHub Actions, Docker, Vitest, Playwright, Vercel, Figma, Shopify and Notion APIs

SEO and AEO: Technical SEO, structured data (JSON-LD), Core Web Vitals

EDUCATION

BSc Software Engineering · Makerere University

Third year