

Samson Tesfaye

Tech entrepreneur · trader · builder

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6 MERGED UPSTREAM PRS · 4 REPOS	9 MOBILE APPS · REACT NATIVE	3 NPM PACKAGES PUBLISHED	80+ CTF SOLVES · WEB, CRYPTO, PWN	Top 2% TRYHACKME · GURU, LEVEL 65
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SUMMARY

Tech entrepreneur in Addis Ababa. Co-founder and CTO of Solvix Labs PLC, where we build Axova, a commerce platform for Ethiopian merchants. I lead product and engineering, writing TypeScript end to end, from web and mobile apps to AWS infrastructure, with security built in from the start. Forex trader since 2024, with automated strategies in Pine Script and MQL5. Formerly on INSA's red team.

EXPERIENCE

Solvix Labs PLC

mid 2024 → present

Co-founder · CTO · Addis Ababa

- Build Axova, a unified commerce platform: online storefront, point of sale, marketplace, and delivery from one merchant account. I lead engineering for the web app and the platform under it.
- Typed HTTP APIs and background services with Hono, tRPC, PostgreSQL and Redis (BullMQ) queues.
- Nine cross-platform iOS and Android apps with React Native and Expo, including Axova POS, Axova Go and Axova Marketplace.
- Run production and staging on AWS (EKS with Karpenter, RDS, ElastiCache, S3 and CloudFront) with 15 Terraform modules, Kubernetes, Helm and CI/CD pipelines.

INSA · Ethiopia's national security agency

2024 → mid 2024

Red team · Offensive security · Addis Ababa

- Red team member: authorised offensive engagements against real systems, from planning and exploitation to documenting the path in and briefing the people who close it.
- Web application penetration testing, with reports developers can act on.
- Trained by analysts with a decade of experience.

SELECTED PROJECTS



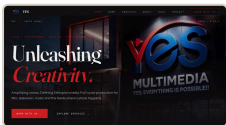
Axova

2025

Co-founder & CTO · Solvix Labs PLC · axova.io

A unified commerce platform for Ethiopia: online storefront, point of sale, marketplace, and delivery.

TypeScript Next.js Commerce Monorepo



YES Multimedia

2026

Design + build · yesmultimediaandcommunication.com

Website for a full-service film and video production company in Addis Ababa.

TypeScript Next.js Editorial design

SKILLS

Building companies

Company building · Product strategy · Technical leadership · Go-to-market

What I build

Full-stack web applications · E-commerce and payments · Authentication systems · APIs and backend services · Mobile apps · Cloud infrastructure

Markets and trading

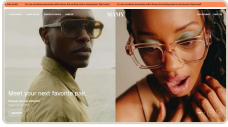
Forex trading · Technical analysis · Risk management · Algorithmic trading · Gold, indices and crypto

Cybersecurity

Web penetration testing · Red team operations · Secure development · Applied cryptography · Reverse engineering · Binary exploitation

Languages and frameworks

TypeScript / JavaScript · React / Next.js · Python · HTML / CSS · Hono · Bash · C / C++



Mamy Opticians

2026

Design + build · mamy-opticians.com

E-commerce storefront for a Kenyan eyewear retailer with three brands and a single checkout.

TypeScript

Next.js

E-commerce



Geez Security

2026

Design + build · geezsec.vercel.app

Bilingual cybersecurity academy for Ethiopia with certification tracks and course modules.

TypeScript

Next.js

Security education

better-waitlist

2026

Author · npm · github.com/haxurn/better-waitlist

Waitlist plugin for Better Auth with email verification, queue management, and referrals.

TypeScript

Better Auth

Plugin

better-middleware

2025

Author · github.com/haxurn/better-middleware

Framework-agnostic authentication middleware for Better Auth with session validation, caching, and typed errors.

TypeScript

Better Auth

Security

OPEN SOURCE

6 merged upstream pull requests across 4 repositories.

- **better-auth** 2025 Merged upstream documentation for Better Auth's Fastify integration, plus the waitlist plugin proposal that became better-waitlist. [PR #2006](#) · merged, [PR #3400](#) · [waitlist proposal](#)
- **better-hub** 2026 Two merged upstream pull requests on Better Auth's collaboration platform for humans and AI agents. [PR #87](#), [PR #71](#)
- **chapa-nodejs** 2026 Two merged upstream pull requests on the Node.js SDK for Chapa, Ethiopia's payment gateway. [PR #17](#), [PR #14](#)

EDUCATION & TRAINING

- **Offensive security training** 2024
[INSA](#) · Trained in how systems fail by analysts with a decade of experience while on the red team.
- **Hands-on security labs** ongoing
[TRYHACKME](#) · Guru rank, level 65, top 2%: 114 rooms and 15 badges.
- **Offensive labs** ongoing
[HACK THE BOX](#) · Hacker rank, global rank 1049.
- **Capture-the-flag competitions**
2024 → present
CTF · 80+ solves across web, cryptography, reverse engineering and binary exploitation.
- **Software engineering, self-taught**
2022 → present
[INDEPENDENT STUDY](#) · HTML and CSS in 2022, Python in 2024, then full-time TypeScript: React, Next.js and Hono.

PLATFORMS

Security training & CTF

- **TryHackMe** [haxurn](#)
Level 65 · Guru · top 2% · 114 rooms · 15 badges
- **Hack The Box** [haxurn](#)
Hacker rank · global rank 1049
- **Buna Byte CTF** [haxurn](#)
Ethiopian CTF platform · 17 solves

Code

- **npm** [~haxurn](#)
3 published packages · better-waitlist, better-middleware, conduithub
- **GitLab** [@haxurn](#)
Mirror and private work
- **LeetCode** [haxurn](#)
Algorithm practice
- **Codeforces** [haxurn](#)
Competitive programming
- **Hugging Face** [haxurn](#)
Models and experiments

Writing

- **DEV Community** [@haxurn](#)
Technical writing
- **Medium** [@haxurn](#)
Longer-form essays

STACK

Languages

 TypeScript  JavaScript  Python
 Bash  Dart / Flutter  Go  C
 Solidity

Frameworks & libraries

 Next.js  React  Tailwind CSS  Hono
 tRPC  TanStack Query  Zod
 Radix / shadcn  GSAP  React Native
 Expo

Data & auth

 PostgreSQL  Prisma  Drizzle ORM
 Neon  Supabase  Redis • BullMQ
 Better Auth

Infrastructure

 AWS  Amazon EKS  Amazon RDS
 S3 • CloudFront  ElastiCache
 VPC • IAM • WAF  Secrets Manager
 Kubernetes  Helm  Terraform
 Docker  Vercel  Railway
 GitHub Actions  Turborepo • Nx

Tooling & security

 Bun  pnpm  Vitest  Oxlint • Oxfmt
 Neovim • tmux • zsh  Git  Burp Suite
 Linux