

Resume

Yophthahe Amare
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I build web and mobile apps by day and tinker with low-level details by night. A bachelor in Software Engineering, I have considerable experience with modern web apps, web services and mobile app development. Used to working in a team and in team leadership positions.

Experience

- **Metatype** *Engineer*
<https://metatype.dev> *Oct 2023 to Feb 2026*

Part of a small team building the next generation API platform and skunkworks arm of a consulting company. Diverse work included frontend, devops and systems.

Highlights:

- 2025
 - Lead technical design and implementation of a modern next.js web app with an involved canvas workflow editor, video streaming and conferencing
 - Wore lead devops hat handling deployment and ci/cd
- 2024
 - Lead implementation of a service that orchestrates and monitors user deployments for cloud platform.
 - Lead design and implementation of a a developer and CI environment manager tool.
 - Co-designed and implemented a large improvement on how the platform worked with WASM.

- **Freelance Ethiopia**

<https://freelanceethiopia.com>

Fullstack Engineer

Oct 2022 to May 2023

I served as the primary back-end engineer but I ended up wearing different hats through the course of employment.

Highlights:

- Improved delivery and throughput of Telegram messages by designing and implementing a notification pipeline for the rate limited Bot API.
- Set up CI/CD and production environment on AWS.
- Designed and implemented billing along with integration with the SantimPay payment gateway.

- **Masero Insights**

<https://maseroinsights.com>

Intern Fullstack Engineer

Aug 2021 to Dec 2021

Managed to work on different kinds of tasks from data management to building Telegram bots and full fledged MVPs.

Highlights:

- Built an MVP for mobile app that's allowed to work and change a diff to the server when network's available.

- **CarCare**

Technical Co-founder

Aug 2020 to Aug 2021

Was an incredible learning opportunity even though it ultimately failed to launch.

Highlights:

- Lead technical design and implementation for backend systems.

Endeavors

- **Daybook** *Rust, Kotlin*
<https://github.com/dman-os/townframe>
Experimental, local-first personal database and media vault. A home for personal agents you can trust.
- **Herald** *Typescript, Deno*
<https://github.com/expnt/herald>
An object storage reverse proxy that provides S3 APIs for Swift and other (WIP) targets. An experiment in what a hands off LLM engineering would look like by using extra stringent guard rails.
- **Ghjk** *Rust, Deno, bash*
<https://github.com/metatypedev/ghjk>
Programmable development environments.
- **Aggy** *Rust, PostgreSQL, Next.js*
<https://github.com/dman-os/aggy>
Experimental news aggregator over Nostr
- **Comb** *Zig*
<https://github.com/dman-os/comb>
Fast and current file-system search for Linux.

Education

- **Addis Ababa Institute Of Technology** *2017 – 2022*
Bachelor's Degree in Software Engineering

Expertise

Languages:

- Fluent in *Rust, Golang, Typescript/Javascript, Dart, C#*,
- Moderately experienced in *Zig, Python, Kotlin*.
- Experience in *Java* and *C*.

Frontend: Next.js, Flutter, Jetpack Compose, React.js, Solid.

Backend: PostgreSQL, SQLite, MongoDB, GraphQL, Redis, Axum, Actix, tRPC, Nest.js, Hasura, Supabase.

Devops: Kubernetes, Terraform, AWS, Docker/Podman, Gitlab CI, Github CI

Tooling: Git, Vim, Linux, Nix.

Gamedev: Godot, Bevy, Unity.