Yosef Tuemay

Android & full-stack engineer focused on developer tooling and open source

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EXPERIENCE

Android & Full Stack Developer · Teleport Technologies   May 2023 — Present

- Built production Android apps with Kotlin, Jetpack Compose, and KMP with iOS support
- Developed backend APIs using NestJS with Stripe, OAuth, and social auth integration
- Led mobile architecture decisions and cross-platform migrations

Wecare — Backend, DevOps, Android
- Healthcare platform with appointments, chat, and video calling
- Built WebRTC integration, backend with NestJS, Android with Jetpack Compose

Telesend — Full Stack, KMP
- International remittance and gift platform
- Built partner APIs and documentation, integrated Stripe and OAuth
- Migrated Android app to Kotlin Multiplatform with iOS support

Teletop — Full Stack
- Airtime platform processing 23M+ ETB in transactions
- Built admin dashboards and partner APIs

capital.et — Full Stack
- Ethiopian bank exchange rates via automated web scraping
- Built with Nuxt, Nitro, PostgreSQL, Drizzle

EVD App — Android
- Electronic virtual distribution with hardware printer integration
- Maintained for 3+ years

OPEN SOURCE

turtle
AI-powered terminal with multi-tab support. Tauri + React + Python. Graduation paper.

talon
2D game framework using Raylib + Wren. Hot reload, WASM builds. 24★

ghostty_ansi_html
ANSI to HTML using libghostty-vt. npm package. 18★

android-odiff
Fast pixel-level image diffing for Android. JNI + C. 7★

asleh
Android client for fend calculator. Kotlin + Rust FFI. 7★

wren-lsp
Language Server Protocol for Wren. Zig.

SKILLS

Programming Languages
Kotlin, TypeScript, Zig, Rust, Swift, Nix

Libraries & Frameworks
Jetpack Compose, KMP, NestJS, Nuxt, Raylib

Tools & Platforms
Docker, GitHub Actions, GitLab CI, Kubernetes, PostgreSQL

EDUCATION

BSc Computer Science & Engineering
Mekelle Institute of Technology

INTERESTS

Low-level programming, build systems, terminal tools, game dev