

Iranzi Thierry

Full-stack software engineer · Kigali, Rwanda (UTC+2)

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Full-stack software engineer who ships products end to end: polished React and React Native interfaces backed by TypeScript, Go and Python services. Product lead and lead engineer for cowtic, a leading Swiss event-ticketing platform, at Siebenberge; previously part-time at Polar, the open-source billing platform for developers. Founded Cognova AI at 18 (acquired) and building Instant Cloud, a hosting platform for African developers. Studying Software Engineering at African Leadership University.

EXPERIENCE

Software Engineer — Siebenberge GmbH

May 2025 - Present

Switzerland · Remote

- Product and engineering lead for cowtic, a leading Swiss event-ticketing platform: built it from the first commit.
- Shipped cowtic's REST API and TypeScript SDK, Apple and Google Wallet passes, offline-capable check-in, and event cancellation with automated refunds.
- Led security and reliability work across the platform; merged 74+ pull requests.

Customer Support & Internal Tools Engineer — Polar

2025

Remote · Part-time

- Joined Polar, the open-source billing platform for developers; worked across developer support and internal tooling.
- Built back-office tools that let Polar's team manage organizations and streamline account operations (merged into polarsource/polar).
- Supported developers integrating Polar's checkout, subscriptions and payments, and shipped fixes across the product.

Senior Full-Stack Developer — Blockchain Tech Solutions

Jul 2024 - Aug 2025

London, UK · Remote

- Developed interactive crypto games and mining platforms with NFT integration and wallet transactions.
- Built real-time analytics dashboards for applications processing around 100,000 user events per minute.
- Optimized rendering performance to keep live event streams smooth and responsive in the browser.

Frontend Developer — Uruti Hub

2023 - 2024

Kigali, Rwanda · On-site

- Built reusable components and improved page load times across client web apps.
- Fixed issues in the Express, Sequelize and PostgreSQL API.

Full-Stack Developer — Freelance

2021 - 2023

Remote

- Delivered full-stack web applications for independent clients, from scoping to deployment.

PROJECTS

- Instant Cloud · instant.rw

2026

Founder & engineer · Go, TypeScript, Next.js, Docker, PostgreSQL

- Prepaid cloud hosting for African developers: connect a GitHub repo for zero-config builds and deploys, managed databases and custom domains with automatic HTTPS, billed in RWF.
- OpenTunnel · opts.ink

2026

Creator · Go, WebSockets, Protobuf, PostgreSQL, TypeScript, TanStack Start, Docker

- Persistent public URLs for localhost: a single-binary Go CLI, protobuf frames over authenticated WebSockets, and request capture with one-click replay.
- Cognova AI · cognova.io

2024

Founder & engineer · Next.js, Python, LLMs, PostgreSQL

- Multi-tenant AI sales and support assistant: businesses load their catalog, hours and policies, and an agent answers customers in a web widget and on WhatsApp.

OPEN SOURCE

- polarsource/polar (contributor): The open-source billing platform for developers. I contributed back-office tools for managing organizations, plus fixes for GitHub issues.
- instant-rw/instantpack (maintainer): Instant Cloud's zero-config builder: a Railpack fork with our own builder images that turns any repository into a container image.
- optunnel/opentunnel (creator): Self-hostable HTTP tunnel in Go: persistent public URLs for localhost, with request capture and replay.

SKILLS

Languages	TypeScript, JavaScript, Go, Python, SQL, Rust
Frontend	React, Next.js, React Native (Expo), Tailwind CSS, TanStack Query
Backend	REST & OpenAPI, WebSockets, Node.js, Nest.JS, Express, Hono, FastAPI, tRPC
Data	PostgreSQL, Prisma, Redis, BullMQ, MySQL, ClickHouse
Infra	Docker & Swarm, Instant Cloud, Caddy, Cloudflare, Linux, GitHub Actions, Vercel
Spoken	English (professional), Kinyarwanda (native)

EDUCATION

- BSc in Software Engineering — African Leadership University

Sep 2026 - 2029 (expected)

Kigali, Rwanda
- Advanced Level Certificate, Software Development — College George Fox

2023 - 2025

Rwanda