

AZIZ ALI

📍 Stockholm, Sweden · Remote

✉ aziz.alfata@gmail.com

🌐 azizali.dev

🐙 github.com/zizo2001

PROFILE

AI-native software engineer building production agentic systems. Shipped an AI consumer app end-to-end to the iOS App Store, deliver production client work solo, and run a self-instrumented multi-agent development environment — 18 custom skills, lifecycle-hook telemetry, governed memory, local RAG over 850+ documents. Looking for a remote Forward Deployed / Applied AI Engineer role: sitting close to users, turning ambiguous problems into shipped software fast.

SELECTED WORK

Kap — AI grocery-deals app, live on the iOS App Store

2026

React Native/Expo, Bun, Hono, SQLite, LLM function calling, Docker, Hetzner, Cloudflare

- Built end-to-end and shipped to the App Store: weekly flyer ingestion, natural-language deal search through a function-calling LLM agent, personalized ranking, and price-history logic compliant with Swedish pricing law.
- Wrote a self-auditing pipeline that reconciles ingested offers against source APIs nightly, plus a golden-test regression suite guarding the agent's outputs.

HQ — self-hosted observability platform for AI-agent workflows

2026

Next.js, Node, SQLite, WebSockets, Tailscale, Cloudflare Access

- Instrumented Claude Code itself: a hook-based event pipeline streams every session's prompts, subagent lifecycle, and notifications over authenticated webhooks into a queryable realtime dashboard.
- Zero-open-ports production deployment on a VPS behind Cloudflare Access + Tailscale.

sleep-watch — privacy-first computer-vision sleep monitor

2026

Python, OpenCV, ONNX Runtime (Silero VAD), SQLite, ffmpeg

fully local

- Combined adaptive frame-differencing motion detection with a realtime voice-activity model scoring live audio 31 times/second to auto-log, clip, and report sleep events — zero cloud dependency.

Speakly — on-device AI dictation keyboard for iOS

2026

Swift, SwiftUI, MLX, StoreKit 2

in development

- Paired Apple's on-device speech recognition with a locally-run 1.7B-parameter LLM (MLX) for realtime transcript cleanup inside a memory-constrained keyboard extension.

AGENTIC ENGINEERING ENVIRONMENT

18 custom Claude Code skills · hook-based telemetry pipeline · governed memory architecture · local hybrid-retrieval RAG engine (BM25 + embeddings + HyDE, 863 docs) · multi-agent fleets of 3–15 parallel agents · 183 documented build sessions (Mar–Aug 2026)

EXPERIENCE

Independent Software Engineer

Dec 2025 – present

Self-directed, full-time

Stockholm

- Shipped the portfolio above; delivered and maintain a production website + admin CRM for a Swedish staffing company as client work (flowstaff.se — Next.js, Supabase, NextAuth, rate limiting, CSP hardening).

Software Engineer Intern

Jun 2024 – May 2025

Cepheid (Danaher) — molecular diagnostics

Solna, Sweden

- Built an internal web application (Java Spring Boot, SQL) that let non-technical staff enter and validate production data, reducing training time and entry errors.
- Designed relational schemas for data integrity and performance; integrated backend with UI in a cross-functional agile team; owned documentation and code quality.

Lead Operator

Jun 2022 – Sep 2022

Cepheid

Solna, Sweden

- Led 5 operators on a medical-kit packaging line: shift planning, uptime monitoring, downtime response.

LEADERSHIP

- **Project Manager, KTH D-Dagen (2023)** — led a team of 5 delivering KTH's largest tech career fair (106 participating companies); owned budget, logistics, and stakeholder management.
- **Business Relations Manager, KTH AI Society (2023–24)** — led a team of 6 running lectures and workshops for ~800 members.

EDUCATION

KTH Royal Institute of Technology

Stockholm

M.Sc. studies in Computer Science, 2022–2024 (on leave) | Industrial Engineering & Management, 2021–2022

SKILLS

Languages: TypeScript/JavaScript, Python, Java, SQL, Swift

AI & agents: Claude Code (skills, hooks, MCP, subagents), LLM function calling, RAG, n8n, context design, evals

Web & infra: Next.js, React, React Native/Expo, Node, Bun, Supabase/PostgreSQL, SQLite, Docker, Cloudflare, Tailscale, Git/CI

Spoken: Swedish, English, Kurdish, Arabic