Alireza Rastineh

Full-Stack Software Engineer · AI engineering

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SUMMARY

Full-stack software engineer in Berlin. I build web products with AI features, from the interface to the server they run on, and hold them to tests, evals and CI on every push.

EXPERIENCE

Full-Stack Software Engineer, Datenbankgesellschaft mbH

Mar 2024 – present

Falkensee · Full-stack and frontend engineering on the company's web apps

- Customer Portal: full stack, with Next.js, React and React Aria in front and Django REST Framework and PostgreSQL behind, with tests on both sides.
- Dashboard: frontend work in a team, in Vue 3 and TypeScript, with unit and end-to-end tests and accessibility checks with axe.
- BDA-Web: frontend work in the team on a Vue 3 app that shows and analyses work done.

PROJECTS

Portfolio: alirezarastineh.me

Sep 2026 – present

All of it: frontend, backend, the AI assistant, hosting, deployment and CI/CD · public on GitHub

- A self-built CMS with drafts, a review of each change, publishing per language and a history that rolls back, in English and German.
- An AI assistant that answers from the site's own content: one agent with seven narrow tools, free models behind a fallback chain with a circuit breaker, and an output guard on every answer.
- 93 of 100 eval cases passed on the recorded run (2 Nov 2026); 4,719 automated tests run on every push to main (24 Nov 2026).

Angular 22 (AnalogJS, server-rendered), Hono, Drizzle, PostgreSQL 17, AI SDK, Gemini, OpenRouter; Docker on Hetzner behind Caddy; GitHub Actions.

PERSiBER: the app behind an event series I co-run

Aug 2024 – present

Frontend, backend, hosting and deployment

- Version 2 (2026): a Next.js 16 client, a FastAPI server with SQLAlchemy and Alembic on PostgreSQL, an Android app with Capacitor, and sign-in with passkeys.
- Signed QR tickets (HMAC-SHA256) checked at the door; an AI copilot on LangGraph with 11 read-only tools, redaction and a token budget; stored insights that cite their metrics.
- Version 1 (2024–2025): Next.js and NestJS on MongoDB, on Vercel; its code is public.

Next.js, React, TypeScript, Python, FastAPI, PostgreSQL, LangGraph, LiteLLM; Docker on Hetzner behind Caddy; GitHub Actions.

SKILLS

AI engineering	AI SDK, LangGraph, LiteLLM, Gemini, OpenRouter, tool calling, BM25 and embeddings, evals, guardrails, prompt versioning, model fallback chains, MCP
Full-stack web	TypeScript, Angular, React, Next.js, Vue 3, Tailwind CSS, Node.js, Hono, Python, FastAPI, Django, PostgreSQL, Drizzle, SQLAlchemy
Infrastructure and CI/CD	Docker, Docker Compose, Caddy, Hetzner, Linux, GitHub Actions, Sentry
Quality and testing	Vitest, Playwright, axe-core, Lighthouse CI, fast-check, Jest, Testing Library, pytest, ESLint