Taha Znazen

AI Product Engineer · LLM Features, AI Automation & Product UX

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SUMMARY

AI product engineer who turns messy briefs into AI features people use, then keeps improving them after launch. 6+ years building web products, nearly 4 fully remote on Renault Group's EV-charging operations platform. I focus on what makes AI output reliable: context engineering, LLM-judged evals, guardrails and cost limits. I build with Claude Code, but I write the plan and the quality gates first and review every result before it ships.

SKILLS

- **AI:** prompt and context engineering, Gemini API, Cloudflare Workers AI (FLUX), agentic and multi-agent workflows, LLM-as-a-judge evals, regression gates, structured outputs (JSON schema), prompt-injection defense, hallucination mitigation, token cost control, image generation, text-to-speech
- **Product & UX:** UX/UI design (Figma), design systems, accessibility (WCAG AA), rapid prototyping, human-in-the-loop flows, client communication
- **Engineering:** TypeScript, React, Next.js, Node.js, Express, GraphQL, REST, Server-Sent Events, PostgreSQL, Prisma, Supabase, Playwright, Vitest, CI/CD, Claude Code

EXPERIENCE

Front-End Developer · Entity Services

2023 – Present

ELTO platform for Renault Group / Mobilize · Remote

- Designed the UI/UX of all 43 screens of the back-office that ops, support and call-centre teams use to run charger sales and installations in six countries (France: ~38k orders, 191 users); built front-end features in a small team.
- Turned 15 record types into one search pattern with live filter counts and saved searches, now the support team's daily inbox.
- Rebuilt the editor that routes every new order to an installation partner: pure-TypeScript domain layer, keyboard access, zero API changes, proven by golden-payload Playwright tests.
- Added the first automated tests (179 unit, 25 end-to-end) and CI gates; moved ~1,250 files from Create React App to Vite 7 and pnpm with zero behaviour change.
- AI-native since 2024: phase plans with quality gates, one Claude Code phase per session, every result reviewed.

Freelance Product Engineer (AI & Web)

2022 – Present

Remote

- **AI avatar generator** (React, Gemini, Express, Prisma): delivered to a paying client in 4 days.
  - Context engineering: builds a ~700-word prompt from 8 user choices (15.3M combinations) with prioritised sections and identity anchoring, plus a short variant for a diffusion model (FLUX).
  - Eval harness with a blind LLM judge (temperature 0, JSON schema, 4 rubrics) and a regression gate; 36 tests cover server-side keys, cost caps and auth.
- **Chwicha, live store** (Next.js, TypeScript, PostgreSQL) · chwicha.shop
  - 21-screen shop with 203 products and a mobile admin the owner runs his daily orders from; oversell-proof checkout with row-locked transactions.
  - Built an image tool on Gemini (Google AI Studio) that turns phone photos into product shots and posters; most of the shop's Instagram posts are made with it.
  - Shipped a 222-file admin and SEO upgrade (JSON-LD, llms.txt for AI search) with parallel Claude Code agents under written rules, while the shop kept selling.
- **Also:** an AI pipeline that assembles music-video clips for artists; AI-generated 3D characters (Meshy, Hunyuan3D, Tripo) for a WebGL site; a real-time 3D web game with a Telegram bot and admin panel (~4,500 beta users).

Co-Founder & AI Product Engineer · Interview Cool May 2025 – Jan 2026

AI interview coaching · Remote

- Agentic pipeline for hallucination mitigation: three LLM agents analyse a CV against a job and a judge agent keeps the most reliable answer.
- Human-in-the-loop interview prep with structured JSON output, and pre-generated text-to-speech instead of costly real-time voice; Lemon Squeezy payments.

Front-End Developer & Designer · Online VIP Consulting 2020 – 2022

On-site

- Led the React rebuild of a cruise booking platform, merging several provider APIs into one search.

EDUCATION & LANGUAGES

Technical Degree in Computer Science, Virtual University of Tunis (2020 – 2022) · Software Engineering Immersive, RBK (2019)

Arabic (native) · English (professional) · French (B2)