

Giorgi Chavchanidze

AI Product Engineer / Full-Stack Engineer (AI Products)

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Summary

AI Product Engineer / Full-Stack Engineer focused on shipping production-ready AI features and full-stack systems. Experienced with Next.js, TypeScript, Supabase/Postgres, and Rust/Rocket. Expert at designing contract-first APIs and realtime architectures (Zod). Passionate about building AI user experiences with structured outputs, tool-calling, and guardrails for predictable, reliable results.

Core Skills

AI Product Engineering	Full-Stack Development	Data & Infrastructure	Systems & Integration
LLM integrations, prompt & schema design, structured outputs, guardrails, evaluation mindset	Next.js, React, TypeScript, Node.js, Supabase/Postgres, SQL, TailwindCSS	Supabase (Auth, RLS), Postgres, SQL, observability, API security	Rust (Rocket), Flutter, Docker, monorepo (pnpm), realtime events (WebSockets)

Flagship Projects

Femin-Travel — AI-first travel planning & safety UX

- Built with Next.js, Tailwind, Supabase, and a structured AI assistant
- Designed assistant outputs as predictable sections (itinerary, checklist, safety tips)
- Implemented saved plans with Supabase Auth & Postgres; refined AI flows for trust

PartyPilot AI — Realtime party games (TypeScript monorepo)

- TypeScript monorepo (pnpm) with shared contracts and runtime validation (Zod)
- Designed server-authoritative realtime rooms and predictable game loops
- Created unified build/run pipeline across apps; improved DX and scalability

ActiveBlock — Rust Rocket backend + Flutter client (Dockerized)

- Built clean APIs with Rust (Rocket) and integrated a Flutter client via typed responses
- Dockerized services for reproducible local setup; reduced onboarding friction
- Designed separation of concerns: API routes, domain logic, client integration

Experience

Independent Full-Stack Engineer (AI Products) — Remote — 2023–Present

- Built AI-first web apps and portfolio-grade demos using Next.js, TS, Supabase
- Designed contract-first APIs (Zod) and realtime flows with strong validation
- Implemented guardrails and evaluation for AI outputs to enhance user trust

ODO Construcción — Founder / Full-Stack Engineer — 2023–Present

- Led digital transformation: built and maintained the corporate website and dashboards
- Implemented a content management workflow; improved conversion through UI redesign
- Integrated forms, analytics, and basic SEO best practices

Freelance Web Developer — 2020–2023

- Delivered websites and apps using React/Next.js and WordPress stacks
- Built multi-language pages, blogs, and e-commerce sites with SEO considerations
- Collaborated with teams on UI/UX and QA documentation

Education & Languages

B.Sc. Information Technology — Georgian Technical University

Languages: Georgian, English, Spanish