

Tornike Kalandadze

Senior Full-Stack Engineer

Product architecture · APIs · Data · Interfaces

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30+ AI ACADEMY API ROUTES	4 PEOPLE IN PRODUCT TEAM	3 SHANSI PRODUCT SURFACES
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01 PROFILE

Full-stack product engineer and technical lead delivering client work since 2019. I work from data model and trust boundaries through APIs and interfaces, with particular depth in Next.js, TypeScript, PostgreSQL, Supabase, authentication, payments, realtime systems, and production-minded fallbacks. I lead a four-person product team at AI Academy and build Shansi in a product partnership.

02 EXPERIENCE

Lead Developer & Partner
AI Academy

Apr 2026–Present
Launched product · four-person team

- Lead a Next.js 16 and Supabase product across interface, 30+ route handlers, PostgreSQL/RLS, SSR authentication, AI generation, payments, analytics, and administration.
- Designed enrollments as the access source of truth, database-backed pricing, Bank of Georgia callbacks, structured LLM boundaries, and abortable generation that removes partial courses.
- Own architecture, task direction, code review, deployment, and product decisions through launch and advertising rollout.

Lead Engineer & Product Partner
Shansi

Jun 2026–Present
Publicly launched · banking approval pending

- Built nearly the entire three-surface product: a Next.js player app, merchant portal, and admin dashboard over a Hono API, Drizzle ORM, Turso, Socket.IO, Twilio Verify, and JWT.
- Modeled QR cashback and game payouts as one coin economy, with real-time balances and PvP village events.

Freelance Software Engineer
Independent client work

2019–Present
Web, mobile, and product delivery

- Ship client products from interface and API design through data modeling, integrations, deployment, and operational handoff.
- Selected work includes Mia, Parkingio, Tokano, SoftAcademy, Kinematics, and Carbada.

04 OPERATING STRENGTHS

- Own architecture and delivery across the complete product boundary.
- Make authorization, payments, and side effects structural concerns.
- Ship demos that degrade honestly when external services are unavailable.

05 TECHNICAL SKILLS

FRONTEND

React · Next.js App Router · TypeScript · Tailwind CSS · Responsive UI

BACKEND

Node.js · Next.js Route Handlers · Hono · FastAPI · REST · WebSockets

DATA & AUTH

PostgreSQL · Supabase RLS · Prisma · SQLAlchemy · Drizzle · JWT · Auth.js

DELIVERY

Docker · Caddy · Vercel · Hetzner · Sentry · Payments · CI

06 EDUCATION & CREDENTIALS

IT STEP ACADEMY · 2016–2018

Software-development studies with course certificates in PHP, HTML/CSS, JavaScript, databases, and C#.

07 LANGUAGES

Georgian — native · English — C1 · Russian — B1/B2

03 SELECTED ENGINEERING WORK

AI Academy Lead developer & partner github.com/stariik/ai-academy Georgian-native learning product spanning AI course generation, tutoring, commerce, enrollments, gamification, and administration. ■ 30+ typed route handlers over Supabase/Postgres RLS; Bank of Georgia callbacks and database-backed prices keep payment authority server-side. ■ Multi-stage generation, lesson-grounded tutor, SM-2 review, analytics, and a server-gated admin system ship in one Next.js application. Next.js 16 · Supabase · PostgreSQL RLS · Zod · Vercel	Shansi Lead engineer & product partner github.com/stariik/SHANSI Publicly launched bilingual cashback economy with player, merchant, and operator products. ■ Next.js frontend and Hono backend over Drizzle/Turso; Socket.IO powers live balances and PvP village raids. ■ Includes QR crediting, five games, referrals, promotions, commission tracking, and economy simulation; banking approval is pending. Next.js · Hono · Drizzle · Turso · Socket.IO · JWT
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