

Lazare Mirziashvili

Full Stack Engineer | AI Engineer | UI/UX Designer

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PROFESSIONAL SUMMARY

Full Stack Engineer who has been writing code since the age of 8 and shipped a first production web app at 14. Builds products end to end, from Figma designs and database schemas to REST APIs, real-time features and cloud deployments, with TypeScript, React, Next.js, NestJS, Node.js and PostgreSQL. Integrates LLMs (Claude, OpenAI, Gemini) into shipped features.

Currently CTO of the clothing brand STIFF and engineer at Solution 86, Quemmekh, Garage Records and Subsequence 2.0. Founded AlertUp, built it solo to production in under six weeks and pitched it through the re.invent accelerator. Top 20 of 140 teams at Hacktoberfest Tbilisi 2025. Open to remote roles in EU and US hours.

CORE COMPETENCIES

Full Stack Development, Frontend Architecture, REST API Design, Database Design, Real-Time Systems, LLM Integration, Authentication and Security, E-Commerce and Payments, System Design, UI/UX and Design Systems, Cloud Deployment and CI/CD, Automated Testing, Technical Leadership

TECHNICAL SKILLS

Languages: TypeScript, JavaScript (ES6+), SQL, C, C++, HTML5, CSS3, SCSS

Frontend: React, Next.js (App Router, Server Actions), Angular, Tailwind CSS, Framer Motion, GSAP, Zustand, TanStack Query, Responsive Design, Accessibility

Backend: Node.js, NestJS, Express.js, REST APIs, Socket.IO, JWT Auth, RBAC, 2FA, OpenAPI, Zod

Databases: PostgreSQL, Supabase, MongoDB, Redis, Drizzle ORM, TypeORM, Prisma, Mongoose

AI and LLMs: Claude API, Claude Code, OpenAI API, Gemini API, Groq, Prompt Engineering, Tool Calling, RAG, Streaming, Structured Output

Cloud and DevOps: AWS (EC2, S3), Vercel, Render, Fly.io, GitHub Actions, CI/CD, Git, pnpm Monorepos

Integrations: PayPal, Paddle, Twilio, Resend, Cloudinary, Solana web3.js, VS Code Extension API

Testing and Design: Vitest, Jest, Supertest, Playwright, Figma, UI/UX Design, Design Systems

Spoken Languages: Georgian (Native), English (Professional)

PROFESSIONAL EXPERIENCE

Full Stack Engineer | Solution 86 | Tbilisi (Remote)

Aug 2026 – Present

Georgian startup building an ordering and supplier platform for restaurants and food distributors.

- Full stack engineer on a small product team building a B2B platform that connects restaurants with food distributors, including Georgian-language voice ordering.

Chief Technology Officer and Full Stack Engineer | STIFF | Tbilisi

Jul 2026 – Present

Essential-clothing brand from Tbilisi (stiff.ge), launching soon.

- Run engineering for the brand and own the technical direction of its online store end to end.
- Architected a monorepo with a Next.js storefront and a NestJS REST API on Supabase PostgreSQL through TypeORM.
- Built customer accounts, order tracking and real-time drop notifications over Socket.IO, with Redis caching,

Cloudinary media and Resend transactional email.

- Set up staging, pre-production and production environments across Vercel and Render.

Full Stack and AI Engineer | Quemmekh | Tbilisi (Remote)

Jun 2026 – Present

Industrial band and art collective behind Project: UNBURNED, a live music, theatre and fashion show.

- Created stealthismethod.com, the interactive online companion to UNBURNED: a desktop-style operating system in the browser with windows, files and hidden content.
- Built the collective's product platform with Next.js, Node.js and PostgreSQL.
- Shipped Claude API features with careful prompt design, streaming responses, structured output and safe fallbacks.

Full Stack Engineer and UI/UX Designer | Garage Records | Tbilisi (Contract)

Apr 2026 – Present

Record label; official website at garagerec.vercel.app.

- Architecting and developing the backend for the label's official website: REST API design, data modelling for releases and server deployment.
- Designed a brand-consistent UI system in Figma (type scale, colour system, component library), then built it in Next.js, TypeScript and Tailwind CSS.

Full Stack Engineer and UI/UX Designer | Subsequence 2.0 | Tbilisi (Contract)

Apr 2026 – Present

A new digital platform built from scratch.

- Leading UI/UX design, frontend architecture and the full system design, moving into server-side implementation once the design phase is complete.

Full Stack Engineer | GeoSafety | Tbilisi (On-site)

Jun 2026 – Aug 2026

Georgian occupational health and safety company.

- Delivered production features from API contract to UI: REST endpoints and relational data models for safety-critical workflows with Next.js, Supabase, PostgreSQL and TypeScript.

Founder and Lead Full Stack Engineer | AlertUp | Tbilisi

Jan 2026 – Feb 2026

QR-code indoor wayfinding and emergency evacuation SaaS (alertup.world).

- Founded the company and built the product solo in under six weeks: building owners upload floor plans and print a QR code per location; people who scan get step-by-step routes across floors, and in an emergency every code switches to live evacuation routing to the nearest safe exit.
- Engineered server-side routing over a floor-plan graph with cross-floor links, and a map editor for nodes, walls, lifts and escalators.
- Built real-time emergency broadcast over Socket.IO, authentication with email verification, team roles, POI search, QR resolution and AWS S3 storage (React, TypeScript, Node.js, Express, MongoDB, Prisma, Groq).
- Selected for the re:invent accelerator in Tbilisi and pitched AlertUp to investor Pavle Mgeladze.

PROJECTS

Illusion | Social Marketplace for Music Posters | 2024 – 2026 | iluzia.vercel.app

Tech: Next.js, TypeScript, Express.js, PostgreSQL, AWS S3, Zustand, Framer Motion, Twilio, Swagger; v1 in Angular

- Started as a first production app at age 14, an Angular poster store; rebuilt from zero as a social marketplace where creators upload, follow each other and sell through collections curated by sound and scene.
- Built a Next.js storefront and admin dashboard on an Express and PostgreSQL API, with creator uploads, moderation, follows, likes, comments and notifications.
- Added cart, checkout and coupons, email verification, two-factor login over email or SMS, S3 image storage and generated OpenAPI documentation.

Algoora | Competitive Coding Platform | 2025 | algoora.vercel.app

Tech: React, TypeScript, Node.js, Express.js, MongoDB, Redis, Socket.IO, Gemini API, Monaco Editor, PayPal, Paddle

- Built solo a LeetCode and Codewars alternative with 500+ problems, an in-browser judge, a global ranked leaderboard, teams and head-to-head tournaments.
- Integrated Gemini for six AI assistance modes, from contextual hints and problem explanations to code review.
- Used Redis for leaderboards, sessions and per-tier AI rate limits; freemium billing with PayPal and Paddle, plus XP, achievements and a seasonal battle pass.

DevHealth | Hacktoberfest Tbilisi 2025, Top 20 of 140 | 2025 | devhealth.online

Tech: React, TypeScript, Supabase, VS Code Extension API, Figma

- Co-built an AI-powered burnout-prevention platform for developers with Dachi Sebiskveradze, designed in Figma before a line of code.
- Shipped a web dashboard and a companion VS Code extension: Pomodoro focus sessions, sleep and workout tracking, distraction blocking and focus analytics.

Portfolio Platform | Site, Admin Panel and API | 2026 | lazaremirziashvili.com

Tech: Next.js 16, NestJS, TypeScript, Drizzle ORM, Supabase PostgreSQL, Playwright, Fly.io, Vercel

- Built a pnpm monorepo of three apps: a public site, an admin panel for content, messages and analytics, and a NestJS REST API that is the only service touching the database.
- Secured it with JWT in httpOnly cookies, rate limiting, strict validation and row-level security; GitHub, Last.fm and Deezer integrations with stale-on-error caching.

ADDITIONAL PROJECTS

- **Mercato** (NestJS, Next.js, Solana web3.js, Zod): marketplace where an autonomous AI agent finds services, requests quotes, pays in SOL and records purchases on-chain.
- **Payment Reconciliation** (Next.js, Supabase): matches Bank of Georgia transactions to companies by tax ID, idempotently (77 of 89 matched automatically).
- **Todo API** (Express 5, MongoDB, Jest): cookie JWT auth, per-user CRUD with search and pagination, and 55 integration tests including cross-user access checks.
- **Telagri** (React, GSAP, i18next): animated Georgian and English landing page for an agri-fintech.
- **Text Compare** (React, TypeScript): word-level diff with a from-scratch LCS algorithm, for Enagram.
- **Kanban Board** (Next.js, dnd-kit, Express): drag-and-drop task board.
- **PlanIT** (React): first React app, a day planner coded start to finish in a one-hour YouTube live stream.
- **Early work (2024 – 2025)**: Angular SSR portfolio v1, Lisa chatbot, Osiris D3 landing page, Die Antwoord fan site, and programs in C.

EDUCATION

Quantum Computer Science School | Software Engineering Track

2024 – Present

- Data structures, algorithms, system design and software engineering principles; C, C++, Assembly and SQL.

12th Public School of Tbilisi | Secondary Education Diploma

2025

CERTIFICATIONS AND AWARDS

- **Hacktoberfest Tbilisi 2025**: Top 20 finalist of 140 teams with DevHealth, presented live to the jury.
- **re:invent Accelerator 2026**: Selected to pitch AlertUp to investor Pavle Mgeladze.
- **HackerRank Certified**: Frontend Developer (React), JavaScript (Intermediate), React (Basic).