

Giorgi Lomidze

Full-Stack & AI Engineer

Voice AI ▪ iOS & Android ▪ Product Architecture

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Profile

Full-stack and AI engineer with 6+ years of experience across SaaS, fintech, and early-stage products. Delivered Pocos's MVP across voice AI, web, mobile, and backend systems, including a telephone AI call center using OpenAI Realtime and SIP telephony and an Expo/React Native app released on the App Store and Google Play. Hands-on with conversational agents, RAG, persistent state, action safeguards, and call evaluation. Previously led three developers at Proxied, working directly with founders to turn business requirements into shipped products.

Experience

Pocos — Lead Engineer, MVP Delivery

May 2026 – Sep. 2026

Independent salon and wellness SaaS venture. MVP delivered; development responsibilities completed.

- Owned product scoping, UX, architecture, and implementation across web, mobile, backend, and AI systems, taking the platform from concept to a completed MVP and public iOS and Android releases.
- Built a telephone AI call center integrating **OpenAI Realtime, DIDWW SIP telephony, and WebSocket call control**. Configured semantic voice activity detection, interruption support, and conversation-context limits; verified two-way speech in the production environment.
- Implemented voice-agent tools for service discovery, appointment availability, booking, rescheduling, cancellation, and human follow-up, grounding operational responses in live business data.
- Developed server-side decision gates using conversation evidence, caller identity, and verified tool results to control booking changes, enforce caller-scoped access, and handle uncertain outcomes.
- Engineered call lifecycle handling with ownership leases, bounded sessions, startup-failure cleanup, hangup retries, and asynchronous post-call summaries.
- Implemented **LangSmith tracing and 11 deterministic call evaluators** covering duplicate mutations, policy violations, abnormal termination, failed tools, and excessive clarification.
- Built and released an **Expo/React Native app on the App Store and Google Play**, including WebRTC live voice, microphone permissions, session negotiation, and audio-session cleanup.
- Built tenant-aware RAG with document ingestion, embeddings, and pgvector retrieval, plus a LangGraph staff assistant with persistent PostgreSQL conversation state and human approval for write actions.

Alpheya — Senior Full-Stack Engineer (contract)

Oct. 2025 – present

Wealth-management platform backed by BNY Mellon and Lunate.

- Owned advisor-dashboard interfaces for client, account, transfer, and reference-data workflows using Next.js, TypeScript, and React in a large Turborepo monorepo.
- Migrated frontend integrations from GraphQL to ConnectRPC and Buf-generated clients, rebuilding data-access and rendering paths around the new services.
- Owned SSR/RSC data fetching, caching, and error handling; strengthened integration reliability through shared validation, typed DTO mapping, and reusable service layers.

Proxied — Lead Full-Stack Engineer & UI/UX Owner

Sept. 2024 – Oct. 2025

Marketplace connecting mobile-network infrastructure hosts with buyers.

- Worked directly with founders to scope requirements and deliver buyer, host, staff, and public product interfaces.
- Architected and shipped Client and Hoster dashboards, onboarding and purchase flows, and a role-based staff interface; integrated Stripe Elements for the custom payment frontend.
- **Led three developers** through task scoping, shared component patterns, mentoring, and code review while contributing hands-on.
- Raised Lighthouse performance scores from **80 to 98 on desktop** and **60 to 90 on mobile** through animation optimization, bundle splitting, and module-loading improvements.
- Built Express.js services and APIs and operated staging environments and CI/CD with Docker and Coolify.

Redberry — Full-Stack Developer

Oct. 2022 – Sept. 2024

- Delivered SaaS products using React, TypeScript, Laravel, and SQL, building REST APIs and business-critical workflows.
- **Skippit:** Led the transition to SaaS and built reusable dashboard components, reporting, and forecasting interfaces.
- **MoneyAlive:** Built an API integration with the acquirer's JavaScript SDK, added PEST unit and feature tests, and created a React testing interface.
- Refactored legacy systems, mentored junior developers, and conducted code reviews.

WallyPay — Frontend Developer

Jul. 2021 – Oct. 2022

- Rebuilt the business website from jQuery and PHP to Next.js, reducing load time from **5 seconds to under 500ms** while improving maintainability and technical SEO.

Auczon — Frontend Developer

Jun. 2020 – Jul. 2021

- Built e-commerce interfaces using JavaScript and PHP, improving accessibility and cross-browser compatibility and integrating analytics tools.

Selected Healthcare Work

Connect — Full-Stack Developer, DHC

- Built communication software for clinicians supporting patients with disabilities, integrating Matrix.js for encrypted messaging and file sharing.
- Developed typed tRPC endpoints with Zod and Drizzle ORM and a responsive chat interface using Next.js and React Query.

Technical Skills

Voice AI: OpenAI Realtime, DIDWW, SIP telephony, WebSocket call control, WebRTC, semantic voice activity detection, interruption configuration, call lifecycle management.

Agents & Evaluation: LangGraph, LangChain, Vercel AI SDK, RAG, pgvector, tool calling, persistent conversation state, action approval gates, LangSmith, deterministic trace evaluation.

Web & Mobile: TypeScript, React, Next.js, React Native, Expo, React Query, Tailwind CSS, shadcn/ui, App Store and Google Play releases.

Backend & Data: Node.js, Bun, Elysia, Express, Laravel, PostgreSQL, Drizzle ORM, REST, ConnectRPC, GraphQL, tRPC, Zod, Better Auth, tenant isolation.

Infrastructure & Quality: Docker, Vercel, Coolify, Trigger.dev, Turborepo, CI/CD, Linux, Vitest, Playwright.