

Leon Shala

Software Engineer | Applied AI

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Summary

Software engineer with 5+ years of experience shipping web, mobile, and backend products across healthcare, e-commerce, and SaaS. Currently building full-stack clinical software and production LLM agents at Aios Medical. Former technical lead with hands-on experience in architecture, product delivery, code review, and mentoring.

Experience

Software Engineer (Applied AI), Aios Medical (Fella Health) 2026 – Present
Remote

- Ship full-stack product features from requirements through release across a Next.js/React clinical dashboard and NestJS/GraphQL backend, working across UI, APIs, business logic, and data models.
- Develop production AI workflows and tool-using agents with conversation context, persistent memory, response validation, and human handoff, using OpenAI, Anthropic, and Gemini models with Langfuse for tracing and evaluation.
- Build backend services and asynchronous jobs with PostgreSQL/Prisma, Redis, and BullMQ, improving reliability through LLM provider retries and fallback, idempotent processing, message deduplication, and unit and integration testing.

Technical Lead, Dardania Chamber of E-Health 2024 – 2026
Pristina, Kosovo

- Led development of an integrated caregiving platform spanning a public website, web application, multilingual admin dashboard, and companion mobile application.
- Defined the technical architecture and contributed across frontend and backend, turning product requirements into implementation plans and shipped features.
- Coordinated Azure deployments, CI/CD pipelines, and production monitoring while guiding the team through planning, code reviews, mentoring, and releases.

Software Engineer, Stree LLC 2023 – 2024
Remote

- Improved the PlaySharper frontend through updates to usability, accessibility, responsive behavior, and visual consistency.
- Integrated frontend features with FastAPI-backed services and implemented prerendering and SEO improvements to strengthen discoverability and page performance.

Javascript Engineer, Gjirafa inc. 2021 – 2024
Pristina, Kosovo

- Led the team developing the GjirafaMall mobile application, guiding architecture decisions, code quality standards, and delivery milestones.
- Improved performance, SEO, and responsive behavior for GjirafaMall and Gjirafa50, including preparation and support for high-traffic Black Friday campaigns.
- Developed and maintained the Codex CMS admin dashboard, collaborating with design and backend teams to deliver new functionality.

Education

Bachelor of Science in Computer Science,
UBT College - Higher Education Institution

2019 – 2023
Pristina, Kosovo

Skills

Languages

TypeScript, JavaScript

Backend & APIs

Node.js, NestJS, GraphQL, REST

Applied AI

LLM agents, tool calling, prompt engineering, LLM evaluation, Langfuse, OpenAI, Anthropic, Gemini

Frontend & Mobile

React, Next.js, Vue.js, React Native

Data & Async Processing

PostgreSQL, MongoDB, Prisma, Redis, BullMQ

Testing & Delivery

Jest, Playwright, Azure, CI/CD