

Akhatmirzo Umarov

Full-stack / Frontend Developer

I build products end to end, from idea to deployment — web apps, SaaS and AI integrations.

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SUMMARY

I'm a full-stack developer who builds products on my own, from idea to deployment: Next.js / React frontend, Node.js (Fastify) backend, Docker and CI/CD. I connect LLM APIs to apps with function calling and have worked with STT/TTS, voice cloning and real-time streaming (WebSocket/SSE). As the technical founder of Zyvo SaaS, I took it from architecture to paying customers. I also author @akhatmirzo/ui, an open-source React UI library built for Uzbek.

SKILLS

Frontend	Next.js, React, TypeScript, Tailwind CSS, shadcn/ui, Radix UI, GSAP, Framer Motion
Backend	Node.js, Fastify, PostgreSQL, Socket.io, REST API, WebSocket / SSE, Telegram Bot API, Sanity CMS
AI & media	LLM API, Function calling, Gemini / Imagen, Whisper (STT), ElevenLabs, FFmpeg
Infrastructure	Docker, CI/CD, Linux, Git, Vitest, pnpm monorepo, npm
Currently learning: RAG, embeddings, pgvector, LangChain / LangGraph	

AI, SPEECH & MEDIA EXPERIENCE

- **LLM integration.** Connecting LLM APIs to the backend; with function calling the model invokes app functions itself (querying the database, performing actions).
- **AI image generation.** A web app on the Gemini / Imagen API: sending prompts, returning results and presenting them to the user.
- **Speech AI.** Speech-to-text with Whisper (STT); voice content with TTS and voice cloning (ElevenLabs).
- **AI media pipeline.** For Instagram Reels: TTS voice-over, background music and subtitles; rendering frames from HTML/GSAP scenes and assembling the video with FFmpeg.
- **Real-time streaming.** Live data streams between server and client over WebSocket (Socket.io) and SSE.

EXPERIENCE

1 yr 8 mo

Technical founder, full-stack developer · Zyvo (SaaS)

Feb 2025 – Jun 2026

gym management platform

- Built the system architecture from scratch: Next.js / React / TypeScript frontend, Node.js backend, REST API.
- Authentication and roles (owner / admin / client), payments and subscriptions.
- Analytics and reports: visit, revenue and activity charts.
- Containerized with Docker and set up a CI/CD pipeline in GitHub Actions.
- Reached paying customers; I also handled sales and support myself.

Frontend Developer (freelance) · IC BAS · Kwork

Aug 2026 – Present

AERO X drone company website · Moscow, remote

- A 9-page site on Next.js and headless Sanity CMS, with Tailwind CSS and GSAP / Framer Motion animations.
- SEO and load-speed optimization; the full cycle from architecture to deployment and handover.
- Built a working demo before the contract — the deciding factor in being chosen over competitors.

Author & maintainer · Open source · @akhatmirzo/ui

Oct 2026 – Present

React UI library · npm

- A design system and 32 components: focus, keyboard and ARIA handling on top of Radix; light/dark theming through semantic tokens.
- Uzbek-specific features: +998 phones, Uzcard/Humo cards, UZS formatting and Latin–Cyrillic search; 763 tests in Vitest.
- A pnpm monorepo with Changesets versioning and npm releases; a bilingual, versioned Fumadocs site with 5 example apps.

Founder, full-stack developer · Chesson

Jul 2026 – Oct 2026

technical support ongoing

- Took the project from idea to launch on my own: frontend, backend and deployment.
- The project is delivered, and I still provide its technical support.

Frontend Developer (freelance) · Gaz Chastniy Dom

Sep 2026

10-day project · 1C-Bitrix

→ Company landing page with one-click requests that reach the manager instantly via Telegram.

Telegram bots & web apps (freelance) · Fiverr

→ Bots with payments, an admin panel and manager notifications; Node.js backend, deployment and support.

PROJECTS

@akhatmirzo/ui · Author & maintainer

toolkit.akhatmirzo.uz · github.com/Akhatmirzo/akhatmirzo-toolkit

An open-source React UI library built for Uzbek: 32 components on Radix and Tailwind CSS v4, phone, card and UZS currency formatting, Latin–Cyrillic search and 763 tests. Published on npm, with a bilingual docs site and 5 example apps.

React · TypeScript · Tailwind CSS v4 · Radix UI · Vitest · pnpm monorepo

Zyvo · Technical founder, full-stack developer

zyvo.uz

A complete management system for gyms: memberships, POS and bar, face-recognition check-in, barcode scanning and receipt printing. Used by paying clients including Olimp and Troya.

Next.js · TypeScript · Node.js · PostgreSQL · Docker

Chesson · Founder, full-stack developer

chesson.uz

An online chess school for kids: a sales landing page, student and coach dashboards, live video lessons, Stockfish analysis and gamification (coins, XP).

Next.js · React · NestJS · Prisma · PostgreSQL · LiveKit · GSAP

ИЦ БАС (ICBAS) · Frontend developer

aerox-alpha.vercel.app

A 9-page website for an engineering center that designs and builds drones (UAVs): products, use cases, a configurator and 3D scenes, with content managed in Sanity CMS. The project was won by building and presenting a live demo to the client.

Next.js · Sanity CMS · Three.js · GSAP

Kanal savdosi · Full-stack developer

A safe marketplace for buying and selling Telegram channels: bot and Mini App, Telegram Stars payments, witnessed deals, automatic ownership checks, disputes and ratings.

grammY · Fastify · React · PostgreSQL · Redis · BullMQ

Bot Konstruktori · Full-stack developer

A SaaS for Telegram group-management bots: clients connect their own bot and pick a type and modules (anti-spam, welcome, entry check), while the platform runs it and handles subscription billing.

Fastify · React · TypeScript · PostgreSQL · Telegram Mini App

- Sales CRM — a dashboard for sales, customers and reports.
- Portfolio: 8 websites — a restaurant (online ordering, table booking, banquet calculator), a dental clinic, a training center, a residential complex, a fitness club, a clothing store and an architecture studio. GSAP, ScrollTrigger, Lenis.

EDUCATION

PDP Academy

Frontend development 2024

Astrum IT Academy

Full-stack development — Qwasar Silicon Valley program 2022

CERTIFICATES

Frontend Developer (React)

HackerRank 2026

LANGUAGES

Uzbek

Native

Russian

Technical level

English

Technical level