Furkan Ünsalan

Full-Stack Engineer

Address İstanbul, Türkiye
E-mail hello@furkanunsalan.dev
Github github.com/furkanunsalan
Web furkanunsalan.dev
Linkedin linkedin.com/in/furkanunsalan

Full-stack engineer who ships end to end: TypeScript across Next.js, React, NestJS, and Expo, with Rust and Postgres where the problem needs it. Built a 7,000-user events platform from zero and a multi-agent development harness used daily by an engineering team. Graduating in June 2027; looking for an English-taught CS master's in Germany.

Skills: TypeScript, React, Next.js, React Native / Expo, NestJS, GraphQL / Relay, PostgreSQL, Rust, Cloudflare Workers / D1, Docker, Tailwind CSS, Vitest / Playwright

Certifications: Go - The Complete Guide (Apr 2025), Figma UI/UX Design Advanced (Feb 2025), Figma UI/UX Design Essentials (Jan 2025), Learn ggplot2 in R for Data Visualization (Aug 2024), React - The Complete Guide (Aug 2024), React Native the Practical Guide (Jul 2024), SEO Training - From Beginner to Advanced Course by an Expert (Jul 2024)

Languages: Turkish (Native), English (Full Working Proficiency), German (Elementary)

Professional Experience

Teachfluence | Full Stack Developer
Sep 2025 - Present

- Build the web app in Next.js + Relay/GraphQL and the API in NestJS + Prisma + GraphQL across a multi-tenant education platform; started as a Frontend Developer Intern (Jun-Sep 2025).
- Built an in-house omnichannel support desk that replaced a third-party live chat: a site widget, email threading, Instagram/Messenger/WhatsApp replies in one inbox, and CSAT.
- Designed adaptive (staged) exams end to end: modules, score-band routing, per-module timers, and admin stage results.
- Rebuilt email campaigns: cancellable sends, variable chips, scheduling, quick-send from any screen, and subscriber-only blocks for paid newsletters.
- Grew the automation engine by 25 triggers, 35 conditions, and 10 actions in one release, with the builder UI in three languages.
- Built AI-agent access to the platform over MCP: an org doctor that health-scans 11 areas, and admin cards rendered inside Claude.
- Took Teachfluence Studio, the Expo/React Native admin app, to its 1.0 release candidate on TestFlight: Sign in with Apple, account deletion, per-type push channels, and iPad support.
- Built an autonomous multi-agent development harness that takes a Linear ticket to a ready-to-merge PR, with implementer/reviewer agents, a calibration loop, and one orchestrator across three codebases.

Gathin | Founding Frontend Engineer
Dec 2025 - Nov 2026 (part-time)

- Joined at founding, built the Next.js 15 + React 19 web platform and Expo companion for an events/community product used by 7,000+ people, and left in November 2026.
- Owned architecture, planning, and roughly 99% of the frontend; de facto frontend lead across web and mobile.
- Built a whitelisted BFF, a shared design system across six locales, and the paid ticketing and checkout flow.
- Built the organizer panel for events, members, segments, mailing, revenue, exports, and bulk actions, including the weekly workflows the operations team relied on.
- Built the community layer, channels, DMs, announcements, galleries, voice rooms, and 1-on-1 voice/video over LiveKit.
- Worked directly with backend, design, and the founders; reviewed and unblocked the mobile and backend work that touched the frontend contract.
- Owned SEO, the Vitest/MSW test suite, coverage ratchets, and the pre-push release gate.

Projects

myne | myne.md
Co-founded myne and own most of the product side: UI, interaction, and product quality. End-to-end encrypted, local-first markdown notes app; Rust protocol crate (Argon2id, XChaCha20-Poly1305), Tauri 2 desktop host, shared React 19 UI, and a local MCP sidecar.
Tech Stack: Rust · Tauri 2 · React 19 · XChaCha20-Poly1305

Teachfluence Studio
Admin/agent-only React Native companion for the Teachfluence education platform: revenue, students, support inbox, and community over the same GraphQL API as the web admin.
Tech Stack: Expo · React Native · Relay · TypeScript

Gathin | gathin.com
Events and community platform built from zero to 7,000+ users. Next.js 15 + React 19 web app + Expo companion, BFF, six locales, paid ticketing, organizer panel, and a socket.io/LiveKit community layer.
Tech Stack: Next.js 15 · React 19 · Expo · socket.io · LiveKit

Turk-AdFilter | github.com/omerdduran/turk-adfilter
Contributor to a community-maintained Turkish ad/tracker filter list. Rules and maintenance alongside the upstream project; not the maintainer.
Tech Stack: Adblock Plus syntax · uBlock Origin · Pi-hole

furkanunsalan.dev | furkanunsalan.dev
Static, frameworkless personal site. Markdown/YAML to plain HTML/CSS by a small Node build; no database, analytics, cookies, or third-party requests.
Tech Stack: Node · hand-written HTML/CSS · Caddy

Volunteering

Campus developer community | Organiser, Vice President, Core Team
Dec 2023 - May 2026

- Built an alumni and student network and ran summits, workshops, and meetups for 100-250+ attendees.
- Owned speaker and sponsor outreach, event operations, and the onboarding of new organizers.

Developer community | Executive, Associate, Pioneer Member
Oct 2024 - Nov 2026

- Led a team of eight across internal and freelance projects, with weekly planning, code review, and feedback.
- Delivered a frontend bootcamp, an event platform, a learning management system, a mailing platform, and an e-commerce automation system.

Education

BE Software Engineering (English) Sep 2024 - Jun 2027 (Expected)
Haliç University, İstanbul, Türkiye, GPA: 3.42

- Transitioned to Software Engineering after one year of Industrial Engineering (Sep 2023 - Sep 2024) to focus on programming and web development.