

# Faraz Pourebrahim

Full-Stack Engineer · TypeScript, Node.js, React · AI-powered products

farazpourebrahm@gmail.com | +98 939 654 3305 | [linkedin.com/in/faraz-pourebrahim](https://www.linkedin.com/in/faraz-pourebrahim) | [github.com/FarazPourebrahim](https://github.com/FarazPourebrahim) | [farazpourebrahim.ir](https://farazpourebrahim.ir)

## SUMMARY

Full-stack engineer with 2 years shipping production web and mobile products. Technical co-founder and sole engineer of a live legal-services marketplace serving **2,000+** users, owning backend, frontend, mobile and infrastructure end to end. Previously led the frontend rewrite of an e-learning platform with **150,000+** active users, directing a team of five and cutting load time from **~8s to ~2s**.

## PROFESSIONAL EXPERIENCE

### Co-Founder & Lead Engineer · Topic

Dec 2025 – Present

Legal Q&A and consultation marketplace · Iran · On-site

- **Co-founded as sole engineer**, taking the product from zero to public launch in four months. Now serving **2,000+** registered users and 100+ practising lawyers.
- Designed and built the entire stack: a TypeScript/Express/Prisma REST API over PostgreSQL, an SEO-optimised Next.js web client, and a React Native (Expo) Android app. JWT auth, Zod validation on every endpoint, and a **472-test Vitest suite covering unit and integration**.
- Own all infrastructure and release engineering: Ubuntu VPS, nginx and TLS, PM2, and a GitHub Actions pipeline gating type-check, lint and tests on every push. Built structured Pino logging surfacing anomalous traffic and 5xx errors in an admin dashboard.
- Built transactional double-booking prevention over a Jalali-calendar consultation system, plus lawyer verification with PII-gated credential documents and admin moderation.
- Delivered a role-gated admin panel and engagement features (ratings, follows, bookings, real-time notifications) across every content type.

### Frontend Lead · Ketabdaneh

Feb 2025 – Nov 2025

E-learning platform, 150,000+ active users · Iran · On-site

- **Led the complete frontend rewrite**, replacing an unstructured JavaScript/Bootstrap 4 codebase with a strictly typed React + TypeScript + Tailwind PWA. Shipped end to end and handed over on completion.
- Directed a team of five — junior developer, intern, backend developer and two designers — as sole senior frontend decision-maker, setting architecture, API layer, component patterns and review standards still in use after my departure. Ran hiring and technical interviews.
- Cut initial load time from **~8s to ~2s** and bundle size from **13 MB to 5 MB**; consolidated **20+ duplicated pages** into a single dashboard across a **50+ page application** and redesigned roughly **90%** of the interface.
- Built a protected HLS video player with signed per-request URLs and per-user watermarking to prevent redistribution of paid content, plus a **22-type interactive exercise engine** with telemetry-driven learner report cards and progress dashboards.
- Delivered a dual-wallet payment system with bank-gateway checkout across three storefronts, referral and conversion-funnel analytics, and a multi-role staff back office with full Persian/English/German internationalisation and RTL/LTR handling.

### Frontend Developer · Leadpack

Oct 2024 – Feb 2025

Real-estate agent and listings platform · Portugal · Fully remote · company ceased operations Feb 2025

- **Built the complete admin application** plus core user-facing pages — agent profiles, listing management and lead capture — in Next.js, TypeScript, Apollo and GraphQL, implementing Figma specifications to pixel accuracy.
- Migrated a business-critical marketing product from React to Next.js, improving SEO and Core Web Vitals.
- Delivered a bilingual Portuguese/English interface with i18next, and contributed to the Firebase configuration and CI/CD pipeline.
- Worked fully remote, collaborating asynchronously in English with a Portugal-based team across a European time-zone gap.

### Frontend Intern · Azad University Incubator

Jul 2024 – Sep 2024

Iran · On-site

- Contributed bug fixes and SEO improvements to [3T](#), an industrial B2B marketplace.
- Trained under a senior frontend engineer in TypeScript, Next.js, application architecture and test-driven development; selected to mentor the following intern cohort.

PROJECTS

SpeakLens · AI-powered real-time messaging platform that teaches a language as you use it

TypeScript · Node.js · Express · Apollo GraphQL · Socket.IO · PostgreSQL · Prisma · React · Tailwind · React Native (Expo) · Jest · Vitest

- **Sole developer of a three-application monorepo** — an Express/Apollo/Socket.IO backend, a React web client and a React Native Android app; sharing one GraphQL and real-time API over a PostgreSQL database. **978+ tests across the three applications**, with GitHub Actions running type-check, lint and the full suite on every push.
- Built the learning engine: LLM-backed writing correction that tags each error against a CEFR-style skill graph, then drives spaced-repetition review, server-graded drills and a personal word bank generated from the learner’s own mistakes.
- **Hardened the AI layer against prompt injection and cost abuse** with fenced, schema-validated model I/O, input-proportional token budgeting and per-user spend metering separate from request quotas. A provider-strategy abstraction allows swapping LLM vendors and degrades gracefully when a provider fails.
- Diagnosed and fixed three concurrency defects: a quota check-then-act race, discount-code overspend, and multi-tab presence conflation.
- Full real-time messaging; 1:1 and group chat with optimistic sends, read receipts, typing indicators, presence, attachments and cross-conversation search; plus RBAC, an admin panel, and English/Persian localisation with RTL.

Expanded from my B.Sc. thesis. Actively maintained.

OptiTask · AI Scrum Master assistant · in development

TypeScript · Node.js · React · Apollo GraphQL · PostgreSQL · Zod · Pino · Vitest · Prisma

- **Leading a team of three** as sole full-stack developer alongside two AI/ML engineers. Owned architecture, sprint planning, and code review. Built the GraphQL API on Apollo Server/Prisma/PostgreSQL with per-request DataLoader for N+1 prevention, cursor pagination, Zod validation, Pino structured logging, and rate limiting.
- Designed a human-in-the-loop approval pipeline: AI suggestions persist with confidence metadata and can only mutate data after human approval, enforced structurally by a deny-by-default RBAC engine and applied transactionally against an immutable audit log. Hardened with Argon2, JWT refresh rotation with reuse detection, and query-depth limiting.
- Across the project: **640+ tests** with GitHub Actions CI gating lint, typecheck, and coverage thresholds. Backend deployed and serving the team's web client in staging, with containerised builds and CI-run migrations.

Bella Vista · Visual food builder and restaurant management platform [\[GitHub\]](#)

React · TypeScript · Node.js · Express · Apollo GraphQL · PostgreSQL · Prisma · Playwright · Vitest

- Data-driven SVG rendering engine where adding an ingredient draws individual pieces onto the food in real time, via a deterministic golden-angle placement algorithm with hashed per-slot jitter, so every render is identical and snapshot-tested. One canvas component drives three layout strategies, letting an admin create an entirely new product through the UI with no code changes.
- React/Apollo front end, Node/Apollo Server/Prisma/PostgreSQL back end with graphql-ws subscriptions; server-authoritative Decimal pricing and a unit-tested order-lifecycle state machine. pnpm monorepo, 145+ Vitest tests.

**Also:** Tournado [\[GitHub\]](#), a Next.js/TypeScript/Prisma tour platform with SSR and a custom UI built without a component library. Jobverse [\[GitHub\]](#), a Laravel job board with resume-upload flow, Mapbox geocoding, and policy-based authorisation. Campverse [\[GitHub\]](#), a Node/Express/MongoDB REST API with JWT cookie auth, owner-enforced RBAC, and aggregation-backed filtering.

TECHNICAL SKILLS

|               |                                                                                                             |
|---------------|-------------------------------------------------------------------------------------------------------------|
| Languages     | TypeScript, JavaScript, Python, Java, PHP, SQL                                                              |
| Frontend      | React, Next.js, React Native, Tailwind, NativeWind, Mantine, Ant Design, TanStack, React Hook Form, i18next |
| Backend       | Node.js, Express, GraphQL / Apollo, REST, Socket.IO, Prisma, PostgreSQL, MongoDB, JWT, Zod, Helmet, Pino    |
| Testing       | Vitest, Jest, Playwright, Testing Library, Supertest, TDD                                                   |
| Tooling & Ops | Git, GitHub Actions, CI/CD, Linux, nginx, PM2, VPS administration, Firebase, ESLint, Docker                 |

EDUCATION

B.Sc. Computer Engineering · Islamic Azad University, Iran

Oct 2022 – Jan 2026

- **GPA 17.55 / 20** (≈3.5/4.0) · Thesis: **SpeakLens**
- **Teaching Assistant** (two semesters) for Advanced Programming, Computer Networks, Databases and Internet Engineering; assessment and grading of coursework for approximately 80 students per semester across all courses.

LANGUAGES

**Spoken** Persian (native) · English (C1 — IELTS 8.0) · German (A1)