Mohammadreza Shirazi

Senior Frontend Engineer: React, TypeScript and AI features

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Summary

Senior frontend engineer with nine years building enterprise web applications in React and TypeScript, across process mining, business process management, digital banking and eLearning, and now AI features and backend services. Most of the hard problems came from real data volume and real users: views over large datasets that had to stay responsive, long multi-step flows that had to survive interruptions, and mature libraries I had to extend to fit the product.

Experience

Senior Front-End Engineer, Golrang System

May 2025 – now

- Rewriting the Farakav dashboard builder, working across the front end and the service behind it.
- Built its AI features: four assistants that help analysts create and understand dashboards. Their answers are checked before anything reaches the user.
- Found the cause of the platform’s slowest workflows and fixed it, taking up to two minutes off them.
- Built the platform’s data-management interfaces, which stay responsive over large datasets.
- Mentored an intern and worked alongside a mid-level developer through code review and pairing; proposed a refactoring strategy now applied across the platform.

Front-End Engineer, Faash

May 2024 – May 2025

- Extended an open-source workflow modeller and form builder with custom elements and behaviour, without forking either library.
- Added Jalali calendar support across the date logic as well as the display, and right-to-left layout through the process modeller and the form builder.
- Gave process designers a way to make form fields react to one another, with no application code shipped for it.
- Designed and built an access-control platform: permissions, role and user administration, and audit logging.
- Built shared components adopted across several internal dashboards; feature work ran about 25% faster afterwards.

Front-End Engineer, Simorq Tejarat

Nov 2021 – May 2024

- Built the digital Open Account journey end to end, from identity details to card delivery. It onboards 600+ verified users a day in production.
- Kept the journey continuous across the payment step, so people return to where they left off.
- Redesigned the sign-in flow and removed duplicate network requests.
- Developed customer-facing banking features within the security and compliance constraints of regulated software.

Front-End Engineer, contract, Davilo (Germany, remote)

Jul 2019 – Sep 2021, and 2025

- Built responsive web and mobile interfaces for a German language-learning platform, working asynchronously with designers and stakeholders across time zones.
- Brought back in 2025 for a full product restart: a learning management system with online classes, course management, examinations, and teacher, student and administrator portals.

Front-End Developer, freelance, Various clients

2018 – 2020

- Built web applications and business sites in React, JavaScript and WordPress for clients across several industries.
- Improved performance, SEO, accessibility and PageSpeed scores through frontend optimisation.

Junior Front-End Developer, Viratech Sharif

Jun 2017 – Oct 2018

- Built responsive web applications for early-stage startup products in AngularJS, in a cross-functional Agile team.
- My main team was Justro, where I developed and launched three startup projects (Justro, Daal and Minit) and grew Daal’s organic traffic by 30% in six months.

Skills

Frontend

React, TypeScript, Next.js, Vite, Redux Toolkit, TanStack Query, React Hook Form, Zod, Ant Design, Material UI, Tailwind CSS

AI

Language-model APIs, AI features in products, AI-assisted development

Backend and data

C#, ASP.NET Core, EF Core, SQL Server, REST APIs

Diagrams and visualisation

BPMN-IO, FormJS, XYFlow

Quality

Accessibility (WCAG), Core Web Vitals, SSR and SSG, i18n and right-to-left, Code review

Tooling

Git, Docker, Azure DevOps, CI/CD

Case studies

- An AI copilot that is not allowed to guess · Farakav · Golrang System
- An account-opening flow that onboards 600 people a day · Bajet · Simorq Tejarat
- Making a workflow library do what it was not built to do · Faash
- Two minutes off the slowest workflow · Farakav · Golrang System
- The same dashboard, rebuilt three times · Davilo

Education

- B.Sc. Information Technology, Islamic Azad University, South Tehran Branch, 2013 – 2019.
- M.Sc. Information Technology (E-commerce), same university, 2019 – 2022: around 90% complete, discontinued for work, degree not awarded.

Languages

- Persian: native
- English: C1, professional working proficiency
- German: B2, upper intermediate

Work authorisation

Iranian national based in Tehran. Requires employer sponsorship to relocate, and meets the experience and salary criteria for the EU Blue Card under the IT shortage-occupation threshold and for the Dutch Highly Skilled Migrant scheme. Open to relocation in Europe and to fully remote roles. One month’s notice.