

Mehrdad Mokhtari

Senior Frontend Engineer

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PROFESSIONAL SUMMARY

Senior Frontend Engineer with 5+ years of experience building scalable web applications across healthcare and e-commerce. Skilled in Next.js, React.js, TypeScript, micro-frontend architecture, and performance optimization, with a strong design and backend background enabling effective cross-functional collaboration. Experienced in integrating AI-assisted workflows to improve development efficiency and code quality, with a proven track record of end-to-end feature ownership, building well-tested applications, and mentoring junior developers.

TECHNICAL SKILLS

Core Technologies: Next.js | TypeScript | React.js | JavaScript (ES6+) | Node.js | Express.js | REST APIs

Libraries & Frameworks: Tanstack Query | Three.js | Sass | Tailwind CSS | Bootstrap | Ant Design | Chart.js | Shadcn | MUI

Build Tools & CI/CD: Vite | Webpack | Docker | Git | Git-Flow | CI/CD Pipelines

Databases & ORMs: MySQL | PostgreSQL | MongoDB | Prisma | Sequelize

Testing & Tools: Cypress | Jest | Playwright

Design: User Experience (UX) | Design Systems | Web/Mobile Design | Wireframing | Prototyping | WCAG Accessibility

Methodologies: Agile/Scrum | Micro-frontend Architecture | Code Review | Technical Documentation

WORK EXPERIENCE

Frontend Developer · AlMedic · Full-time · Hybrid Nov 2024 – May 2026

- Architected and led the migration of the frontend from a Monorepo to a Micro-frontends architecture, reducing deployment time by ~40% and enabling independent development across 5+ teams/modules.
- Built a custom PACS with integrated AI diagnostics and specialized medical imaging capabilities using Cornerstone.js, supporting DICOM with smooth rendering of 1,000+ slices per study.
- Engineered voice-driven reporting systems for Pathology and Radiology, reducing report entry time by ~30% and enabling hands-free navigation.
- Designed a comprehensive Admin Panel featuring granular RBAC (15+ roles/access levels), dynamic print templates, and device monitoring for 50+ devices.
- Developed a Medical Reporting tool with custom UI controls and personalized templates, accelerating physician report creation by ~25%.
- Established E2E and integration tests with Cypress and Playwright, achieving ~85% test coverage and reducing production bugs by ~60%.
- Led the UI/UX design and full-stack development of the 'Pajvak' branding project, maintaining 98% design fidelity to initial mockups.
- Designed data structures and REST API contracts in collaboration with the backend team via Agile sprints, improving API response time by ~35%.
- Ensured code quality through rigorous code reviews (200+ PRs), thorough technical documentation, and adherence to Git-Flow and CI/CD standards.
- Mentored 3 Junior Developers and supported the Lead in driving the team's technical growth.

Frontend Developer · Ador · Full-time · On-site · Tehran, Iran Nov 2022 – Dec 2024

- Delivered a high-end e-commerce platform with a strong focus on branding and full i18n support for 5 languages, expanding market reach across multiple regions.
- Crafted interactive 3D product visuals using Three.js, increasing user engagement and average session duration by ~25%.

- Engineered a comprehensive Admin Panel for full management of 500+ products, blogs, and user databases, reducing content management time by ~40%.
- Boosted search visibility and accessibility through advanced SEO, custom Sitemaps, and PWA features, improving organic traffic by ~50% and Lighthouse performance scores to 90+.
- Architected a WordPress-based branding site for the company's initial digital presence, launched within 4 weeks.
- Drove UI/UX strategy in collaboration with the design team, contributing to a ~20% increase in conversion rate.
- Partnered with Digital Marketing to align technical features with brand growth, supporting a ~30% rise in online sales.

Frontend Developer · Freelancer · Self-employed (Part-time) · Remote *Apr 2021 – Present*

- Designed and developed 15+ custom websites for clients using WordPress and custom coding, delivering tailored solutions across diverse industries.
- Led end-to-end project management for each build while personally executing front-end development, achieving 95%+ client satisfaction.
- Delivered responsive, user-centric interfaces aligned with brand vision, improving mobile usability scores to 90+ on Lighthouse.
- Shipped custom functionality to meet specific client requirements, cutting average project delivery time by ~30%.

KEY PROJECTS

- [adorco.com](#) [Next.js · Three.js] — E-commerce and branding platform for Ador (orthopedic products). Features 3D product visualization and i18n for 5 languages.
- [arianpakhsh.com](#) [Next.js] — Corporate branding site with a private user portal for reporting and data access for authorized users.
- [lofika.com](#) [WordPress] — Full-featured e-commerce platform with custom theming and product management.
- [pejvaak.vercel.app](#) [Next.js] — Branding project — led UI/UX design, full-stack development, and Contact Us API form integration.

EDUCATION & COURSES

B.Sc. in Computer Engineering (*incomplete*) · Amirkabir University of Arak 2015 - 2017

Diploma in Computer Science · Technical & Vocational School, Iran

- JavaScript: The Complete Guide · Udemy
- React — The Complete Guide (incl. Next.js) · Udemy
- UI/UX Design · Inverse (Iran)