

Hamidreza Falahi

Senior Frontend Developer | React & Next.js

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PROFESSIONAL SUMMARY

Senior Frontend Developer with 7+ years of experience building scalable, high-performance web applications. Deep expertise in **React.js** and **Next.js** ecosystems, enterprise ERP system architecture, and complex UI engine design. Known for designing multi-layered, zero-dependency components applying **Clean Architecture**, **DDD**, and **Event-Driven** principles. Experienced in full-stack delivery with **ASP.NET Core** on the backend, and enterprise reporting with **Stimulsoft**. Active open-source contributor with published packages on npmjs.com.

TECHNICAL SKILLS

Frameworks & Libraries: React.js, Next.js, Redux, Zustand, RTK Query, React Query, Formik, React Hook Form, NextAuth

Backend: ASP.NET Core (C#), MediatR, CQRS Pattern

Styling: Tailwind CSS, Bootstrap, SASS, CSS Modules

Validation: Zod, Yup, Custom Validators

Reporting: Stimulsoft Reports (report design, data binding, dynamic generation)

Web Technologies: SPA, PWA, SSG, SSR, ISR, Server-Side Revalidation, Middleware, Firebase Notifications

Architecture & Patterns: Clean Architecture, DDD, Event-Driven Design, Atomic Design, BFF (Back for Front), Layered Component Design

Storage & Performance: IndexedDB, Lazy Loading, Skeleton Loading, Infinite Scroll, Debounce, Partial Rendering

Development Practices: Responsive Design, Globalization/i18n, RBAC, Token Management (Access & Refresh), Code Documentation

Tools & Platforms: Figma, Jira, Miro, Vercel, Liara, npm Publishing, Stimulsoft

PROFESSIONAL EXPERIENCE

Senior Frontend Developer — ArianSystem

2024 – Present

- Founded and architected the entire ERP frontend from scratch using the **Back for Front (BFF)** pattern.
- Applied **Atomic Design** methodology to structure the component library — from atoms and molecules to organisms and templates — ensuring consistency and scalability across the ERP UI.
- Designed and built a **Dynamic Form Renderer** and **Dynamic List Renderer** — two core engines powering the ERP configurable UI layer.
- Engineered an advanced **Document Detail Grid Component** with a 6-layer architecture combining Clean Architecture, DDD, and Event-Driven Design for decoupled, reactive behavior.
- The grid component maintains **zero external dependencies**, with plans to release as a standalone npm library.
- Integrated **Stimulsoft Reports** for dynamic report design and generation across multiple ERP modules, enabling configurable, data-driven reporting for enterprise clients.
- Utilized **IndexedDB** for client-side storage, enabling offline-capable and high-performance document interactions.
- Published reusable UI components as **open-source packages** on npmjs.com.

Full-Stack Developer — CandyRose (Personal Project)

Independent · Perfume e-commerce web application

- Designed and developed a full-stack perfume online store from the ground up.
- **Backend:** ASP.NET Core (C#) with Clean Architecture, DDD, MediatR, and CQRS pattern.
- **Frontend:** Next.js with SSR and SSG for a fast, SEO-optimized shopping experience.
- End-to-end implementation: product catalog, shopping flow, and API integration.

Frontend Developer — Soha System

2023 · [sohasys.ir](#) | [sohasupport.com](#) | [nphqazvin.sohacrm.ir](#)

- Collaborated with backend team on requirements analysis and API integration across three live platforms.
- Developed and maintained platforms using **React.js**, **RTK Query**, and **Tailwind CSS**.
- Delivered responsive, cross-device compatible interfaces with consistent UX.

Frontend Developer — Shobok Group

2021 – 2022 · [shobok.ir](#)

- Contributed to development and maintenance of the product and service showcase website.
- Implemented UI improvements using **React.js** and **CSS Modules** to enhance user engagement.

Frontend Developer — Diako

2020 – 2021 · [diakokitchenware.com](#)

- Developed product display pages with **parallax scrolling** and advanced UI techniques.
- Built responsive layouts optimized for desktop and mobile.

Frontend Developer — Bonyad Shahid, Staff Training Office

2017 – 2020 · [idea.isaar.ir](#)

- Contributed to a **national-scale educational platform** supporting online classes and employee evaluations across Iran.
- Developed exam management, scheduling, and performance tracking modules.

EDUCATION

B.Sc. in Engineering Sciences

Islamic Azad University, South Tehran Branch · 2015

CERTIFICATIONS & TRAINING

Advanced Next.js Development · Frontcast Academy · 2021

Next.js Fundamentals · Darsman Academy · 2018

PORTFOLIO & OPEN SOURCE

ERP — ArianSystem · *Enterprise ERP web app (in testing, private)* · Available upon request

Arin Tech · *Corporate site with ISR & SSG optimization* · [nextjs-v14-vscommit.vercel.app](#)

react-persian-range-picker · *Advanced date range picker — dual-mode comparison, inspired by Google Analytics* · [npmjs.com/package/react-persian-range-picker](#)

CandyRose · *Full-stack perfume e-commerce (Next.js + ASP.NET Core, Clean Architecture, DDD)* · Available upon request

Personal Website · *Portfolio and personal site* · [hamidrezafalahi.ir](#)

GitHub · *Personal repositories and open-source contributions* · [github.com/hamidrezafallahi](#)

SKILL LEVELS

Frontend / Next.js: Senior

JavaScript / TypeScript: Senior

Backend / ASP.NET Core (C#): Mid-Level

Reporting / Stimulsoft: Mid-Level

English: Advanced (Reading, Writing, Listening, Speaking)