

SAJJAD JAVADI

Senior Frontend Developer (React · Next.js · TypeScript · Web3)

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SUMMARY

Senior Frontend Engineer with 6+ years building production web applications, including high-traffic Next.js platforms for major Australian organizations (Taronga Zoo, Tourism Tasmania, Elders Weather, Salvation Army Australia) and Web3 products spanning a decentralized exchange, NFT marketplace, and wallet integrations (ethers.js, wagmi, viem). Specialized in SSR/RSC performance, design systems, and CMS-driven platforms at scale. Freelance client work has continued throughout 2018 - present, alongside the full-time and contract roles below.

SKILLS AND ABILITIES

Core: TypeScript, JavaScript, React, Next.js (App Router, Server Components, SSR/ISR/SSG), Flutter, Node.js, Framer, Astro

State & Data: Zustand, Redux Toolkit, TanStack Query, REST, GraphQL

Web3: ethers.js, viem, wagmi, WalletConnect, @uniswap/v3-sdk, smart-contract integration, on-chain transaction flows

UI & Design Systems: Tailwind CSS, shadcn/ui, MUI, Storybook, Framer Motion, Figma-to-code workflows

Quality: Jest, React Testing Library, Cypress, WCAG 2.1 AA accessibility, semantic HTML/ARIA

Performance: Core Web Vitals optimization, Lighthouse, bundle analysis, code splitting, image optimization

Platform & Tooling: Docker, Git, CI/CD, Vercel, Optimizely CMS, next-intl (i18n)

API & Integration: REST, GraphQL, CMS Integration, Optimizely

AI-assisted development: Claude/Cursor

EXPERIENCE

VaniTech - Senior Frontend Developer (Remote, Australia, 2025 – 2026)

Website: <https://www.vanitech.com.au/>

- Delivered production-grade websites for four high-profile Australian organizations, Taronga Zoo, Tourism Tasmania, Elders Weather, and Salvation Army Australia. by architecting SEO-optimized Next.js applications with full server-side rendering across all routes.
- Reduced design inconsistency and accelerated feature delivery across the engineering team by building and maintaining a scalable Storybook component library adopted as the single source of truth for shared UI.
- Enabled non-technical editors to publish and manage content independently, removing developer bottlenecks, by integrating Optimizely CMS directly into the frontend layer.
- Improved Core Web Vitals scores (LCP, CLS, TTFB) across production pages by diagnosing performance regressions and applying code splitting, image optimization, and SSR tuning.
- Maintained reliable test coverage on critical UI components and shared library modules by writing unit and integration tests with Jest and React Testing Library.

- Ensured full accessibility compliance across all shipped features by implementing WCAG standards, semantic markup, ARIA roles, and keyboard navigation.

CreativeBug Studio - Senior Frontend Developer (Remote, Iran, Apr 2024 – May 2024) - Contract

Website: <https://creativebug.app>

- Delivered a fully custom, high-performance marketing site on schedule within a 2-month engagement by building hover and pointer animations from scratch without third-party dependencies.

Archie Agency - Mid-Level Frontend Developer (On-site, Iran, 2020 – 2023)

Website: <https://github.com/Archie-Team>

- Owned frontend architecture and technology decisions across three simultaneous blockchain products, an NFT marketplace, a decentralized exchange, and liquidity pool interfaces, by defining the tech stack, rendering strategy, and component design from the ground up.
- Improved SEO performance and rendering architecture across the entire product suite by leading the team's migration from React.js to Next.js.
- Delivered secure, production-ready Web3 functionality across multiple products by architecting wallet connections, smart contract interactions, and on-chain transaction flows.
- Maintained seamless frontend-backend data flow across products by collaborating closely with backend and blockchain engineering teams on RESTful API integration.

Kayak Mid-Level Frontend Developer (Remote, Turkey, Jun 2020 – Dec 2020) - Contract

Website: <https://kayak-studio.com>

- Delivered a mobile-first, offline-capable experience by building a Progressive Web App with Flutter optimized for smooth cross-device performance.
- Enabled reliable on-chain functionality within a mobile PWA environment by implementing blockchain transaction flows and smart contract integrations.

Self-Employed - Freelance Frontend Developer (2018 – Present)

Website: <https://www.sajjaddev.com>

- Delivered Web3 and React/Next.js solutions for independent clients across Iran and international markets throughout a continuous freelance practice spanning 2018 to present.
- Enabled seamless token swaps and liquidity pool management by developing a decentralized exchange integrated with ethers.js, wagmi, and viem.
- Reached 10,000+ active users across two Telegram-based Tap-To-Earn applications by building responsive, scalable UI architected for future blockchain integration.
- Delivered real-time trading reliability for a UK-based financial client (Keyfx) by building a high-performance dashboard optimized for continuous data updates.
- Streamlined attendance tracking and scheduling workflows for a university system by developing a role-based administrative panel.
- Improved load performance across multiple startup client projects by applying lazy loading, code splitting, and modern frontend optimization techniques.

PROJECTS

Due to confidentiality agreements, several projects are not listed here. Selected code samples and architectural snippets are available for technical review upon request. Additional work at sajjaddev.com

Taronga Zoo

NextJS / CMS

Production website for one of Australia's most recognized conservation zoos, built with Storybook-based CMS integration for scalable content management and SEO-friendly SSR performance.

<https://taronga.org.au/>

Tourism Tasmania

NextJS / CMS

Official state tourism platform for Tasmania, built with Next.js and Storybook-based CMS integration with a strong emphasis on SEO and content delivery performance.

<https://www.tourismtasmania.com.au>

Elders Weathers

NextJS / CMS

Australia's national weather forecast platform serving time-sensitive data at scale, built with Next.js, Optimizely CMS, and a Storybook-based component system optimized for fast load times.

<https://www.eldersweather.com.au/>

Salvation Army Australia

NextJS / CMS

Production website for one of Australia's largest charitable organizations, built with a Storybook-based component system ensuring design consistency and scalable content management.

<https://www.salvationarmy.org.au/>

NovaVoya

Next.js

Multilingual medical tourism platform connecting patients with verified international healthcare providers, featuring interactive provider maps, referral management, and a multi-role admin dashboard with next-intl localization and Docker deployment.

<https://novavoya.com/>

Pishkad

Next.js

A website for mountaineering and self-guided outdoor activities, offering route and mountain information, maps and imagery, equipment guidance, and a community space for climbers to share experiences.

<https://www.pishkad.com/>

Kanata Health

Framer

Full website for a Canadian health-focused company, built with Framer and custom React/TypeScript code components for dynamic functionality beyond standard no-code capabilities.

<https://kanata.health/>

StoryFont**NextJS**

Landing page for a font discovery platform focused on clean UI, smooth interactions, and fast rendering to drive user engagement.

<https://storyfont.app>

DEX (decentralized exchange)**NextJS / Ethers.js / Wagmi / Viem**

Decentralized exchange enabling users to create liquidity pools and swap tokens, focused on robust performance and intuitive Web3 UX.

<https://github.com/selijad/kdex>

Presence Absence**ReactJS**

Administrative panel for university students, faculty, and staff enabling role-based access to attendance tracking and class scheduling.

Keyfx**ReactJS**

Real-time trading dashboard built with React and REST API integration, optimized for data-heavy UI performance.

<https://keyfx.co.uk/>

Spacesix**ReactJS / NextJS**

NFT marketplace for a blockchain-based game, allowing users to browse and purchase in-game assets directly on-chain. Built with React and Next.js with full Web3 integration.

<https://spacesix-fork.vercel.app> (original site discontinued)

EDUCATION

Khavaran University at Iran, Mashhad**2016 - 2020**

Bachelor's degree in Software Engineering