DAVOUD ASLANI FAKOUR

Senior Frontend Engineer

Vue / Nuxt | TypeScript | Visual Editors & AI-Powered Products

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I build web products and the tools people use to create content. I have over 10 years of frontend experience, specialising in Vue/Nuxt and TypeScript, with hands-on team leadership and full-stack work in React/Next.js. My work spans visual editors, AI-assisted design, subscription systems and trading interfaces. I value understanding problems deeply, sharing knowledge and making technical decisions that support the product.

PROFESSIONAL EXPERIENCE

Zoviz (Kaya Smart) 2024 - Present

Senior Frontend Engineer → Frontend Team Lead → Frontend Technical Lead

AI-powered brand design and marketing SaaS

- Own frontend architecture and core product development in Vue 3, TypeScript and Pinia, working directly with the CTO and CEO on product requirements and long-term technical direction.
- Built a **reusable Vue 3 visual editor**, packaged for use in the main app and admin tools: multipage documents, drag/resize/rotate, layers, non-destructive cropping, brand-colour sync and HTML/PNG/PDF export.
- Designed and built **Zo end to end**: an AI assistant that turns natural-language requests into schema-validated editor operations, with a single undo step for each set of changes and Persian/RTL support.
- Implemented the agent backend with Node.js, Fastify, PostgreSQL/Drizzle and Redis; integrated OpenAI, Azure OpenAI and Anthropic, and added LLM-based evaluations of visual hierarchy, CTA emphasis and social-format safe areas.
- Owned **frontend checkout, billing and subscription flows** with Stripe and PayPal, including discounts, cancellation and reactivation; added Google/Microsoft sign-in and brand-specific workspace routing.
- Delivered Link-in-Bio and email-signature builders, designer review workflows and internal multipage asset-rendering tools; reused editor and component packages across applications.
- Resolved an API-layer error affecting **around 30 endpoints** with one shared fix; strengthened reliability through Vitest/Playwright tests, Sentry monitoring and controlled form autosaving.

Smile IT Solutions 2023 - 2024

Frontend Engineer → Full-Stack Engineer

Client product development | UK, remote

- Worked alongside the team lead to set up and deliver client applications, moving from Vue/Nuxt to React and Next.js 14. **Co-developed a shared boilerplate** used to start new projects.
- Built an **educational exercise-generation feature end to end** using an AI SDK, including the interface, server logic and data storage; evaluated alternative approaches to address rendering, printing and edge cases.
- Implemented full-stack features with TypeScript, PostgreSQL and Drizzle ORM; worked with AWS and Docker and added Playwright end-to-end tests to admin panels.
- Worked with the product team and client feedback to refine requirements, implement changes and track delivery in Jira.

PROFESSIONAL EXPERIENCE / CONTINUED

Sarmayex
2022 - 2023

Frontend Team Lead

Cryptocurrency trading platforms

- Joined a stalled project after the previous team left; documented the inherited architecture and recruited a new frontend team **in under one month**, retaining viable work rather than restarting.
- Led two trading applications to an end-user-ready state **in under three months**: Nuxt-based P2P and React-based B2B with TradingView charts and market interfaces.
- Coordinated integration with **two independent backend teams** and the design team; mentored developers at two experience levels through practical exercises and weekly knowledge-sharing sessions.

OstadBank
2017 - 2022

Senior Frontend Developer → Frontend Team Lead

Education technology platform

- Helped move a tightly coupled web application to a separate frontend built with Vue 2 and Nuxt 2; grew the frontend team to **four engineers**.
- Researched and implemented a **multi-application monorepo** with Yarn Workspaces and Lerna, sharing components and configuration while separating product areas into smaller applications.
- Optimised high-traffic pages with lazy hydration and resource-loading changes; improved delivery workflows with Kanban and automated deployments.
- Created Storybook component documentation, **onboarding guides and recorded walkthroughs**; supported new engineers through code review and pair programming.

Pay.ir
2015 - 2017

Frontend Developer (Mid-level → Senior)

Online payments platform

- Served as the **sole frontend engineer**, implementing the redesigned customer dashboard and new payment features with Vue and Laravel Mix in a Laravel-backed product.
- Integrated real-time interface updates with Socket.IO Client and collaborated with backend engineers on service constraints and frontend integration.

CORE SKILLS

Frontend: Vue 2/3, Nuxt 2/3, TypeScript, React, Next.js, Pinia, Vite, SCSS, Tailwind CSS, shadcn/ui

Editors & AI: DOM/canvas editors, Moveable, Fabric.js, AI SDKs, tool calling, LLM evaluations

Backend & delivery: Node.js, Fastify, PostgreSQL, Drizzle ORM, Redis, Docker, AWS, CI/CD

Quality & architecture: Vitest, Playwright, Storybook, Sentry, monorepos, i18n/RTL

OPEN SOURCE & TECHNICAL WRITING

vue-modaltor - Created an open-source Vue modal component with responsive sizing, scroll handling and Nuxt integration.

Nuxt monorepo architecture - Published a technical walkthrough and companion sample for sharing components and configuration with Yarn Workspaces and Lerna.

CERTIFICATIONS, EDUCATION & LANGUAGES

Certified Vue.js Developer | Vue School | 2024

Associate's Degree in Computer Software Engineering, Azad University.

Persian: native | English: professional working proficiency