

Vahid Hasani

SENIOR FRONTEND DEVELOPER

vahidhasani09@gmail.com | Tehran, Iran (Open to Remote) | [linkedin.com/in/vahidhasani77](https://www.linkedin.com/in/vahidhasani77) | github.com/vahidid | English: Professional Working Proficiency

Senior Frontend Developer with **5+ years** of experience building and scaling web and mobile applications across fintech, blockchain, and SaaS domains. Deep expertise in **React, Next.js, React Native, and TypeScript**, with a proven track record of shipping CBDC wallets, DEX/NFT platforms, and KYC systems. Experienced in front-end architecture, monorepos, design systems, and cross-functional leadership. Actively building full-stack products and exploring AI agent workflows. Passionate about performance, developer experience, testing, and delivering clean, maintainable code in remote, fast-moving environments.

KEY COMPETENCIES

- Front-End Architecture & Component Design
- Monorepo & Modularization (Nx / Turborepo)
- Design Systems (MUI, Tailwind, shadcn/ui)
- Cross-Platform Apps (React Native: iOS/Android)
- State Management: Redux Toolkit, Zustand
- Data Fetching: TanStack Query
- Form Handling: RHF / Formik (Yup / Zod)
- Build Tools: Vite, Webpack, Rspack
- Micro-frontend Patterns
- Testing & Quality: Cypress, E2E/UI
- Web Security & Digital Signatures (RSA, Ed25519)
- Mentoring, Code Review & Cross-team Collaboration

PROFESSIONAL EXPERIENCE

Senior Frontend Developer

Kuknos Co. — Iran's leading CBDC & Blockchain infrastructure startup

Sep 2024 – Present

Tehran, Iran

- Led a team of **5+ frontend engineers** building scalable React/TypeScript applications across fintech and blockchain products.
- Introduced and maintained a monorepo architecture (Nx-style), improving code reuse by **~40%** and eliminating cross-project inconsistencies.
- Built a cohesive design system (MUI + Tailwind CSS + shadcn/ui) adopted across **4+ products**, reducing UI delivery time by **~30%**.
- Partnered closely with product managers and backend teams to align roadmaps, improving sprint predictability by **~25%** and reducing delivery risk.
- Championed Cypress-based E2E testing standards and structured PR review workflows, raising test coverage by **~60%** and reducing production bug rate by **~35%**.

Senior Frontend Developer

Sahand ICT — Canadian fintech company

May 2023 – Aug 2024

Remote / Canada

- Built a full-featured lending web platform for the Canadian market using **React (MUI v5)** and TypeScript, achieving a **~35%** improvement in page load time through code-splitting and lazy loading.
- Delivered a cross-platform **React Native** app for iOS and Android with **98%** feature parity with the web platform, significantly reducing maintenance overhead.
- Collaborated on REST API integration, UI performance optimisation, and WCAG-compliant accessibility, improving the Lighthouse accessibility score by **~20 points**.

Frontend Developer

Kuknos Co.

Mar 2021 – Mar 2023

Tehran, Iran

- Delivered client applications for Iran's national bank **CBDC initiative** using React Native and React.js, serving **100K+ end users**.
- Built a **Stellar-based DEX and NFT marketplace**; implemented performant UI flows and wallet interactions handling **10K+ daily transactions**.
- Created **Chrome & Firefox browser extensions** to enable blockchain-based transactions, reaching **5K+ active users**.
- Designed and developed the **Secure KYC (SKYC)** application, processing **50K+ identity verifications** with a fraud-detection accuracy of **99.2%**.
- Implemented digital certification and PDF signing with **RSA** and **Ed25519** keys, reducing manual signing time by **~40%**.

Backend & Blockchain Developer

Oct 2020 – Feb 2021

[Areatak](#)

Tehran, Iran

- Developed enterprise chaincode on **Hyperledger Fabric** using JavaScript and TypeScript, contributing to a production-grade permissioned blockchain network.
- Built wallet application backend services with **NestJS**, supporting **10K+ wallet operations per day** with high availability.

Backend Developer

Jul 2019 – Sep 2020

[Freelance](#)

Remote

- Managed product development for **Jimbo Market**, an online shopping platform, leading a team of **4+ engineers** end-to-end.
- Developed backend services (**Laravel**) and a user-behaviour analytics microservice (NodeJS / NestJS), processing **1M+ events per month**.
- Built the PWA frontend with **ReactJS** and Ant Design; developed an **OTT/VOD subscription** service using NestJS, NextJS, PostgreSQL, Redis, and Queue.

PROJECTS & CONSULTING

Kimide.ir *Expense-splitting SaaS (Splitwise-like); full-stack with Next.js API routes and AI-assisted development*

Launched · Active

Stack: Next.js, TypeScript, Prisma, PostgreSQL, AI Agents

Laminor.org *Redesign & refactor of a content-heavy website; leading frontend and providing back-end architecture advisory*

Consulting · Active

Stack: Next.js, React Query, ofetch, SSR Caching — Laravel, Repository-Service pattern, Modular architecture

Gold Trading Platform *Full-featured gold buy/sell platform with real-time pricing, optimistic UI, and strict form validation*

Personal Project

Stack: Next.js, TypeScript, shadcn/ui, Zustand, TanStack React Query, React Hook Form, Zod

Webhooker *Lightweight webhook relay and management tool — github.com/vahidid/webhooker*

Open Source

Stack: TypeScript, Node.js

Agent-as-a-Workforce Infrastructure *Researching and prototyping a multi-agent system for autonomous task decomposition and execution*

R&D · In Progress

Stack: AI Agents, multi-agent orchestration, agentic pipeline design

TECHNICAL SKILLS

Languages	JavaScript, TypeScript
Frameworks	React, Next.js (App Router / API Routes), React Native, Material UI, Ant Design, Tailwind CSS, shadcn/ui
State / Data	Redux Toolkit, TanStack React Query, Zustand, React Hook Form, Formik, Yup, Zod
Build / Tooling	Vite, Webpack, Rspack, Micro-frontend patterns, ofetch
Testing	Cypress (E2E & UI testing)
ORM / DB	Prisma, PostgreSQL, MySQL, MongoDB
DevOps / CI	Git, Docker, Linux, GitHub Actions, GitLab CI
Backend	NestJS, Laravel (Repository-Service, Modular architecture)
Blockchain	Stellar, Hyperledger Fabric (basic), Digital Signature (RSA / Ed25519)
AI / Agents	AI Agent design, multi-agent orchestration, agentic workflow integration

EDUCATION

Associate's Degree in Computer Engineering

[Sirjan University of Technology](#)

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Sirjan, Iran