



Profile

Senior Software Engineer and Frontend Manager & Developer with experience leading frontend teams and building production systems across healthcare, education, sales, and operational systems. Focused on scalable architecture, complex problem solving, quality and performance improvement, and frontend team leadership. Actively involved in requirements analysis, process design, and solution evaluation in collaboration with product and backend teams, with ownership of the final quality of frontend delivery.

Key Skills

Frontend Core

ReactTypeScriptJavaScriptNext.jsReact RouterVite

State & Data Layer

ZustandTanStack QueryReact Query KitAxiosAPI Abstraction

Forms & UI

React Hook FormZodRadix UIStorybookSCSS ModulesTailwind CSS

Architecture & System

Frontend ArchitectureAPI DesignSystem Analysis & Designi18nTemplate / Page / MapperRBAC & Permission

Cross-platform

ElectronCapacitorPWANode.js

Quality & Optimization

Git / GitHub / GitLabESLintHusky / lint-stagedSentryCaching & ChunkingSEO

Experience

Frontend Manager & Developer

Husan - Tabriz, Iran

Aug 2022 - Present

- Provide technical leadership to the frontend team by defining project architecture and structure, selecting technologies and standards, conducting code reviews, assigning and reviewing tasks, mentoring developers, and participating in technical evaluation of new hires, with responsibility for the quality and final frontend delivery.
- Own architectural decisions across module structure, state management, API layer, routing, forms, error handling, permission systems, component architecture, caching, shared utilities, and coding conventions, and continuously improve these structures across projects.
- Participate in requirements analysis and flow design, review and propose APIs and data models, evaluate feature feasibility, constraints, risks, and implementation effort, and suggest simpler or higher-quality alternatives when appropriate.
- Maintain a strong focus on performance and maintainability through caching and manual chunking, reducing unnecessary re-renders with memo/useMemo and conditional rendering, optimizing first load and SEO in Next.js projects, and designing reusable abstractions to reduce duplicated code and development time.
- Enforce quality gates through strict TypeScript, ESLint with strict plugins and custom rules, pre-commit checks, Storybook, and Sentry, with strong attention to responsive design, cross-browser compatibility, and semantic HTML.

● Projects

Neda Physician Management & Appointment System

Husan | May 2023 - Present

A physician management and appointment platform for public hospitals and healthcare centers, supporting diverse scheduling workflows, multiple roles and access levels, and administrative dashboards. Led the frontend and designed a configurable structure to support the different requirements of each center.

Robov Online Appointment & Telemedicine Platform

Husan | Oct 2022 - Present

An online appointment and telemedicine platform for physicians and private clinics, covering appointment management, patient-physician communication, and video consultations. Led frontend development and designed a provider-independent video consultation layer, including camera and microphone permission handling and reliable browser compatibility.

Leo360 Telemedicine & Remote Medical System

International Client / Husan | Aug 2022 - Sep 2024

A telemedicine platform for online consultations with the ability for physicians to remotely control a medical robot. On the frontend, implemented the video consultation experience and the flow for sending commands to the robot and displaying execution results within the same interface.

Novan Inventory & Sales Management System

International Client / Husan | Oct 2025 - Present

A comprehensive inventory and sales platform covering product management, invoicing, and sales operations, with a requirement to remain usable during internet outages. Designed the Offline-First architecture from scratch and implemented the desktop version so data remains locally available and synchronizes with the server after connectivity returns.

Fanjan Learning Platform

International Client / Husan | Feb 2025 - Present

An online learning platform with channels, chat, exams, and video content for delivering and managing educational experiences. Developed the main frontend capabilities and implemented real-time chat and channels with WebSocket, including unread-message state management.

PIN Faculty Information Network

Husan | Aug 2023 - Dec 2023

A faculty information network for Tabriz University of Medical Sciences, used to present and manage academic and educational profiles, departments, and research centers. Frontend work focused on a simple user experience, large data-entry forms, and handling multiple file types; reusable form structures were designed to reduce repetition.

Samab Smart Equipment Management & Monitoring System

Husan | Apr 2023 - Jun 2023

A management and monitoring platform for smart water meters, including administrative dashboards and equipment-status charts. On the frontend, backend data was polled periodically and presented in a near-real-time monitoring experience.

Decov AI Interior Preview System

Husan | Oct 2023 - Dec 2023

An AI-powered interior preview system where users upload an image of a room and view simulated products such as carpets, parquet flooring, and wallpaper in the same space. The frontend manages the upload flow, processing state, and presentation of generated results.

● Education & Research

Ph.D. in Computer Engineering - Artificial Intelligence

University of Tabriz | Sep 2026 - Present

Doctoral student with a research focus on artificial intelligence, deep learning, and medical image processing.

M.Sc. in Computer Engineering - Artificial Intelligence

University of Tabriz | Oct 2024 - Sep 2026

Thesis: "Self-Supervised Learning with Pseudo Label Refinement for Medical Image Segmentation." Designed and evaluated the SEAL framework for self-supervised pretraining of 3D CT images and learning transferable representations under limited labeled-data conditions.

B.Sc. in Computer Engineering

University of Tabriz | Oct 2020 - Sep 2023

Studied computer engineering with a focus on software development.

Publication

A2RCMatch: dual-attention framework for reliable sample selection and consistency regularization in semi-supervised learning

Information Sciences (Elsevier) | Jun 2026 | Co-author

Contributed to research on the A2RCMatch framework for improving semi-supervised learning through dual attention, reliable sample selection, and consistency regularization.

AI & Research

Python

PyTorch

Deep Learning

Medical Image Segmentation

These skills are primarily related to academic and research work.

Language

English

Working Proficiency

Comfortable reading technical documentation and participating in technical discussions and meetings.