

- Implemented scalable state and data-fetching layers using Zustand and TanStack Query to support map-based and data-intensive features.
- Integrated JWT-based authentication and role-based access control to manage secure user sessions.
- Implemented advanced map search functionality using React Leaflet, including geographic zone filtering for property discovery.
- Built a real-time chat system using WebSocket technology to enable direct communication between users and agencies.
- Improved overall application performance by optimizing rendering logic, state updates, and network usage.

Frontend Engineer — Hantana
Hantana (Visitor Analytics Platform)

Mar 2023 — May 2023
On-site

- Developed and maintained Admin and User dashboards using React and TypeScript with a focus on clean architecture and scalability.
- Refactored authentication flows to improve security, usability, and maintainability using strong TypeScript typing patterns.
- Optimized performance-critical components through hook optimization, memoization, and efficient state partitioning.
- Implemented Redux Toolkit and RTK Query to standardize server-state management and improve data consistency across the platform.

Frontend Developer — Rental-Pulse (Personal Project)
Personal Project (Real Estate Platform)

Jan 2023 — Feb 2023
Personal

- Designed and developed a full-stack real estate application using Next.js, React, and TypeScript with a focus on scalable frontend architecture.
- Implemented end-to-end type safety and validation, improving code reliability and maintainability.
- Integrated authentication workflows using NextAuth and built reusable UI components with Shadcn UI.
- Modeled data persistence using MongoDB and Prisma to support structured querying and schema evolution.

EDUCATION

Bachelor's Degree in Computer Engineering (IT)
Tabriz University

Aug 2020 — Jan 2024
Tabriz, Iran