



# Ali Hosseinkhani

Frontend Engineer

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## Summary

Passionate JavaScript developer with 4 years of experience building live systems for online auctions, large-scale applications with over 60K users, ERP, and e-commerce platforms. Committed to continuous professional growth through programming. Enjoying playing basketball in my free time.

## Skills

**Programming Languages:** JavaScript, TypeScript

**Technologies:** NextJs, Angular, PWA, NestJs, Nuxt, Cypress, Jest, Karma, Ionic Framework, Redux, Zustand, Context API, NgRx, Storybook, Socket.io, Sass, TailwindCSS, Bootstrap, Ant Design, Shadcn, Angular Material

## Experience

### Alpharoute — Boston, MA

Remote | Full Time | Sep 2021 - Sep 2025

- Implemented a full-stack, multi-application **NX monorepo** architecture for a hospital platform using Nuxt, Angular, NestJS, MongoDB and PostgreSQL.
- Implemented **OAuth 2.0** for secure authentication and authorization.
- Developed a real-time auction platform by using **Socket.IO** for WebSocket-based bidirectional communication, providing instant updates to clients.
- Developed a cross-platform Android app using **Ionic framework** with React.js, using **Capacitor** to access native device features like camera and contacts list.
- Established consistent state management patterns by using **Redux**, **Zustand**, **Context API**, and **NgRx** to improve maintainability, scalability, and data consistency.
- Implemented **internationalization (i18n)** best practices using Next.js and JSON-based translation files to support multiple locales and dynamic language switching across the application.
- Implemented end-to-end testing with **Cypress** and component testing with **Karma** for multiple Angular applications, achieving 40% code coverage and ensuring critical user flows functioned correctly.
- Upgraded an Angular application from version 14 to 20 to adopt a **zoneless architecture**, reducing Largest Contentful Paint (LCP) by **2 seconds** on a data-intensive page.
- Developed an Angular 20 e-commerce application with **SSR**, **dynamic hydration**, and **deferable views** for **SEO**, along with **PWA service-worker caching** to improve offline performance and user experience.
- Developed responsive, mobile-first interfaces using **TailwindCSS**, optimizing layouts and interactions across devices by using **rem-based spacing** instead of fixed pixels.
- Implemented automated **CI/CD pipelines** using GitHub Actions to build, test, and deploy Docker-based applications on every push, improving deployment reliability and reducing manual effort.
- Collaborated on the development of a **Storybook** project to keep the development and UI design teams in sync and to maintain in-code documentation for UI components.