

Ehsan Morshedzadeh

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About me

I am a highly motivated and results-driven web developer with a deep passion for creating impactful digital experiences. Through self-study and personal projects, I have honed my skills in web development, with proficiency in JavaScript and a strong understanding of modern frontend technologies like React, including libraries such as Material-UI, Next.js, React Router, and Redux. While I may not have extensive professional experience, my dedication and drive have enabled me to master complex web development concepts and deliver innovative projects that showcase my expertise. I thrive in collaborative environments and possess a keen eye for design and user experience, allowing me to craft clean and efficient code that leaves a lasting impression on users. I am committed to continuous learning and staying up-to-date with industry trends to deliver cutting-edge solutions. With my technical skills and creative thinking, I am eager to contribute to a dynamic web development team and make a valuable impact on your organization.

Education

Tabriz University	2017-2020
Photonics, Msc	
Bonab University	2013-2017
Optics and Laser Engineering, Bachelor	

Experiences and Projects

Restaurant Website (personal project)

- Implemented Next.js special features, including Incremental Static Regeneration and Client Side Rendering.
- Developed experimental API endpoints using Next.js app route handler.
- Implemented authentication using the NextAuth library for seamless client and server side authentication.
- Utilized Redux with type annotation to implement state management and shopping cart functionality, leveraging slice creation, RTK Query integration, and selector generation.
- Managed data models and the NoSQL MongoDB database, utilizing parent referencing, child referencing, and virtual properties for enhanced data relationships and virtual data retrieval.
- Github Link: [The Restaurant](#)

Real time chat application

- Developed the backend using Node.js for server-side development and utilized React.js for frontend development.
- Established the server-database connection using the Mongoose library in Node.js, utilizing a NoSQL MongoDB database.
- Implemented real-time chat functionality using WebSocket technology and integrated it with the Socket.IO library.
- Managed states with type annotation using the Context API.

Personal Portfolio

- Optimized project with Next.js 'export' script for lightweight and dynamic functionality, enhancing performance and reducing bundle size.
- Managed states with type annotation using the Context API.
- Github Link: [The Portfolio](#)
- [The Portfolio](#)

Low Earth orbit satellite motion simulation with Matlab.

2018-2020

- Optimization algorithms such as: Genetic and Particle swarm optimization.

Setting up Earthquake database and data analyze with Matlab.

2016-2018

- Algorithmic thinking and structural programming.
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Skills

Work Skills:

- Team work
- Adaptability
- Communication
- Responsibility
- Active listening

React Technologies:

- State management
- Hooks and customize hook
- Context API and Redux
- Responsive layout
- React Testing Library

language:

- English
Considerable Knowledge
- Persian
Full fluency
- Turkish(Azerbaijan)
Mother tongue