

Milad Rasooli

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Summary

- Experienced front-end and mobile application developer with over 5 years of proven track record in delivering high-quality projects
- Strong analytical, mathematical, and problem-solving skills ensuring efficient solutions and meeting deadlines
- Effective communicator and collaborator with cross-functional teams, bridging gaps and enhancing project coordination
- Adaptable and quick learner, constantly updating skills to stay up to date with the latest technologies and industry trends
- Organized and self-driven individual with exceptional multitasking abilities, thriving in fast-paced environments
- Skilled in mentoring and leading teams of front-end developers, fostering growth and delivering successful outcomes

Technical Skills & Attributes

Front-End	CSS, HTML, jQuery, JavaScript, React.js, TypeScript, REST API, Redux, Tailwind CSS, React Query, Asynchronous web application, React Router, ECMA Script (ES6), WebSockets, SocketIO, Responsive Design, PWA, SVG, Regular Expressions, Zustand, Framer Motion, and React Query
Back-End	Django, Node.js, Express.js, WebSocket server, and RabbitMQ
Database	SQL query, MySQL, and MongoDB
Mobile	React-Native and Java for Android
Testing	React Testing Library, and Cypress
Version Control & CI/CD	Git, Docker, Docker Compose, and GitHub Actions
Design	Figma, Adobe Photoshop, Corel Draw, and Inkscape
CSS & UI Frameworks	Bootstrap, Material UI, Daisy UI, and Ant Design
Language Skills	English and Persian
OS	Linux (Ubuntu server & desktop), Windows, Windows Server, and MacOS
Generative AI Tools	LangChain Library, OpenAI APIs, and Anthropic Claude AI
Business Applications	Google Docs, MS Word, MS Excel, MS Outlook, MS Teams

Certifications

iAdvance by Information and Communications Technology Council (ICTC)

2024

Work Experience

Web Developer, Children's Hospital of Eastern Ontario (CHEO), Ottawa, Canada

Feb 2024-Present

- Maintaining, troubleshooting, debugging, and providing support for a Member Portal and an offline-first PWA app for conducting patient surveys on tablets in remote areas to measure First Nations, Inuit, and Métis children's health and well-being.
- Preparing documentation through reverse engineering and analysis of the existing Member Portal and PWA app.
- Gathering requirements for the future version of Member Portal and PWA app.

Tools & Technologies: JavaScript, jQuery, Git, CSS, HTML, MySQL, REDCap Server, Drupal CMS and PHP

Front-end Developer, Mobile Application Developer, Shahnegar, Tehran, Iran

May 2023-Feb 2024

- Revamped the current Android app using RxJava, Glide and MVP design pattern.
- Implemented a complex weaving algorithm using object-oriented pattern and created a flexible and clean design to make future additions, debugging, and making changes quicker.
- Developed a visual testing platform using JavaScript and Canvas for testing the new algorithms of carpet map navigation and weaving process and made the testing process easier and quicker by more than 70%.

Tools & Technologies: JavaScript, Canvas, CSS, HTML, Java for Android, and RxJava

Front-end Developer, UI/UX Designer, MagnetXT, Tehran, Iran

Sep 2023-Feb 2024

- Built a real-time pricing microservice with Node.js, WebSockets, and RabbitMQ. Standardized data integration to reduce the time spent adding new data sources from 2+ hours to under 30 minutes without downtime.
- Implemented an AI-based user support assistant by training the AI engine on product documentation in PostgreSQL vector DB via Supabase and OpenAI. This eliminated the need for 24/7 user support through AI-powered natural language interactions.
- Implemented end-user trading panel using React.js, Zustand, WebSockets, and TailwindCSS as a simple yet effective user interface.
- Utilized NivoCharts to display user's wallet and cryptocurrency actions summary using pie and line charts.

Tools & Technologies: React.js, React Query, Axios, TailwindCSS, Zustand, Custom events, WebSocket, SocketIO, React Router, TradingView widget, Framer Motion, Nivo Charts, ViteJS, Docker, PostgreSQL, Node.js, Express.js, WebSocket, and RabbitMQ

Front-end & Back-end Developer, Mobile Application Developer, Inotek, Tehran, Iran

Jul 2021-Jul 2023

- Implemented an automatic API availability, schema, and response testing service using Node.js and Ajv library.
- Successfully implemented Hamrahbours PWA app from scratch, replacing the legacy version, offering a wide range of services to over 2 million users of Iran's stock market.
- Created Nahang App, a web-based toolset for crypto traders, with real-time alerts, on-chain data, charts, and forms using React.js, TailwindCSS, WebSocket, and SocketIO.
- Refactored Hamrahbours React-Native app, providing registration, stock paper sign, and upload services to 500K+ users.

Tools & Technologies: React.js, React-Native, JavaScript, Axios, Fetch, React Query, Index DB, AsyncStorage, Redux, Hookstate, Zustand, SVG images, CRA, PWA, Service Workers, React Router, JWT, Custom events, SocketIO, WebSocket, Nivo Charts, Framer Motion, TailwindCSS, Regular Expressions, Node.js, and Ajv

Front-end Developer, Mobile Application Developer, Fekre Bartar, Ahwaz, Iran

Feb 2020-Jun 2021

- Developed and designed an Android app using React-Native to conduct online exams for individuals.
- Created a variety of user interfaces, including dashboards, admin panels and user panels using Bootstrap library and jQuery.
- Developed a web-based freelancing website and its administration panel to assist freelancers with project search and payment management to ease transactions between parties using React and Redux.

Tools & Technologies: React, React-Native, Redux, Redux Thunk, Redux Persist, Bootstrap, Event Emitter, Axios, Webpack, and jQuery

Mobile Application Developer, UGalaxia, Brussels, Belgium (Remote)

Dec 2018-Jan 2020

- Created an iOS app using React-Native with various features such as multi-step wizard forms, online Stripe payment integration, photo and video editing capabilities, real-time chat, groups and channels, and an online market and released the final product on the Apple App Store.
- Utilized native modules and Objective-C to implement specific video editing features in a React-Native mobile app.

Tools & Technologies: React-Native, Redux, React Navigation, Redux Thunk, Redux Persist, WebSockets, and Native Modules (Objective-C)

Accomplishments

- Successfully developed multiple challenging Android apps using React-Native and native modules, reaching more than 1 million food and package deliveries per year.
- Innovated and implemented a mechanism of reading aloud new delivery requests to the driver using text-to-speech library, allowing them to accept or decline delivery requests merely using their hands-free headset buttons increasing response rate by more than 25%.
- Played a key role in technology and methodology decision-making for company apps, advising on optimal selections tailored to project requirements and objectives.
- Acted as a liaison between front-end, back-end, and management teams, fostering seamless collaboration and ensuring polished product delivery.
- Led the front-end team in developing a responsive administration panel tailored for admin users of stock market companies, which resulted in a 50% increase in retention.

Education

Master's Degree - Computer Science, Sepahan Higher Education Institute, Isfahan, Iran
Bachelor's Degree - Computer Science, Sepahan Higher Education Institute, Isfahan, Iran

2014-2016

2007-2010