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Mohsen Tavakoli

About me

As a Senior Frontend Developer with over 5 years of experience, I specialize in building intuitive and robust web applications using React.js and JavaScript. My expertise lies in developing enterprise level solutions tailored to diverse industries, including financial services, governmental platforms, dashboard creation, and integration services. I am passionate about crafting seamless user experiences and scalable architectures that drive business success. With a keen eye for detail and a commitment to delivering high quality code, I thrive in collaborative environments and enjoy mentoring teams to achieve project goals.

Job Experiences

Senior Frontend Developer   Cyberdesign nordics AB

February 2021 - Until Now

FrontEnd Developer   Soroush Hamrah Rasaneh

February 2020 - January 2021

FrontEnd Developer   (Aryahamrah Co. (AHS

September 2018 - August 2019

Educations

Computer engineering   University of Bojnord

September 2013 - August 2018   Grade : Bachelor's Degree

Skills

ReactJS	NextJs
TypeScript	JavaScript
HTML	CSS
TailwindCSS	Material UI
Zod	Redux
Zustand	Capacitor
REST APIs	Git
Problem Solving	Teamwork
React Hook Form(RHF)	

Languages

English

Projects

Target Practice
Senior frontend developer

2024

AI-Powered Target Practice Scoring App
Working as part of a dynamic team, I contributed to the development of an innovative mobile application designed for target practice enthusiasts. Built using React.js and Capacitor, this app leverages advanced AI algorithms to detect shots, evaluate their accuracy, and assign scores in real-time.

Focalpay
Senior frontend developer

2024

Focal Pay is a true omni-channel shopping and payments system which enables merchants to utilize their personnel for the actual job, which is serving the customers rather than getting orders, payment and delivering receipts.

Battery management system
Senior frontend developer

2022

Developed a React-based web application for monitoring and managing battery systems with advanced role-based access control. Key features include:

- Real-time visualization of battery data, including resistance, current, voltage, temperature, and more.

- Interactive charts to track historical and live performance metrics.

- Fault detection and warning system to promptly alert users about potential issues.

- Role-based access control to restrict actions based on user roles

Nakisa
Frontend developer

2021

Nakisa is an integration software to manage LCS subsystems based on pre-defined scenarios and events.

using: Java, Dropwizard, Hazelcast, Quartz, Rest API, pub/sub (RabbitMQ, Kafka)
deployed at:
- Telecommunication systems For Shiraz Metro organization (SURO)
- 10 LCS Systems such as CCTV, FireAlarm, ACS, ... - AtlasMALL - Tehran

Shiraz Car Toll (Avarez)
Frontend developer

2021

Sarv is a part of smart city project in Shiraz and I am working on this project as project manager and backend developer. This project works using microservice architecture, also, works with a lot of 3rd party APIs for different services that provide to citizens. Besides, almost everything(from different layers of permissions for admins to new API

calls) is dynamically handled such that an admin can control everything from its panel.

Sarv Shiraz
Frontend developer

2021

Sarv Shiraz Citizenship System has emerged with the aim of facilitating the provision of services to the citizens of Shiraz. This project belongs to Shiraz Municipality and the executor of this project is the information technology team of Arya Hamrah Company.

AryaAir
Frontend developer

2018

Developed an Android application that provides real-time data on Iran's airlines and flights. The app enables users to:

- View detailed flight information, including schedules and statuses.
- Mark flights as favorites for quick access.
- Receive push notifications on flight status updates, ensuring users stay informed.

The app was built with a focus on usability, performance, and delivering accurate, real-time data, enhancing the travel experience for users.

AryaVision
Frontend developer

2018

Cloud-based data exploration, beautiful charts and interactive dashboards for business and data teams
Used in one of Iran Payment service provider (FanavaCard)
https://www.fanavacard.ir/
- CONNECT: Integrate your disparate data (Sql, NoSql, Flat Files)
- EXPLORE: Easily explore data and build complex queries with Interactive or SQL Mode
- TRANSFORM: Immediately blend and transform your data via our powerful Data Pipeline