



Mohammad ali Ali panah

Software Engineer

20 years old

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Story Book

As a child, I grow up with endless love of computers. Started learning HTML, CSS, and JQuery at the age of 13 in MFT. Couldn't catch up back then because of poor knowledge of fundamentals, So I continued my journey several years later by learning C++ and Javascript in depth. this time was different and I feel the improvement every day. Nowadays, I spend most of my time at work structuring and building reusable components and maintainable codes. also, spend free time reading books about system architecture and clean coding.

Recent Experience

React Developer

KIAN IRANIAN STDG - Full-time

Aug 2020 – Present

Tehran, Iran

- Rewriting the web client of iGap messenger with Reactjs, Typescript, Redux, WebSocket and Material-Ui. I wrote around 40% of codebase. Structure Redux and other Logics. Converting class component to functional, groups, channels, forward message, iLand, authentication pages, setting tab, sticker, animated stickers, some of message boxes, many reusable components and utils are a part of my job. Currently planning for Beta release (<https://igap.net/web2>).
- Coding parsian-club with React, Typescript, Emotion, React-Query. Currently in testing phase.
- Suggesting and coding some part of iGap Doc (<https://doc.igap.net/docs/Introduction>) with Docusaurus v2, mdx, React.
- Coding (<https://stickerprize.igap.net>) in less than a day
- helping to build some internal tools and Back-End panels.

React Developer

Mine Taxi - Part-time

Apr 2020 – Jul 2020

Tehran, Iran

- MineTaxi (<http://minetaxi.ir>) is a ride-hailing startup. Great first step as developer.
- Building an E-commerce website from ground up.
 - React for building user interfaces and Sass for styling.
 - Using Redux for state management and cart functionality. due to the coronavirus, the side project did lunch properly.

Education

Babol Noshirvani University of Technology

Bachelor's degree - Computer Software Engineering

2019 – 2023

Babol, Iran

Working on collections-typescript, an open source project to bring fast and tested algorithm and data structure to typescript such as LinkedList, Doubly LinkedList, Tree and breadth and depth first search, and all kind of sorting algorithm (<https://github.com/always-maap/Collections-TypeScript>) planning to restructure with mono-repos and lerna.

Technical Skills (in order)

Software Engineering

Typescript, EcmaScript, Python, Git, Docker, ESLint, Babel, Yarn, Lerna

Client (proficient)

React, Redux, styled-components, Sass, CSS, HTML, react-query, react-hook-form, react-native, PWA workbox

Industry

Data Structures, Algorithm, OOP, Command & Shell, MVC, DRY, SOLID, Microservices, MonoRepos, TDD, Design Patterns

Server (familiar)

Nodejs, GraphQL, Apollo Server, MongoDB, MySQL, Mongoose, TypeORM

Soft Skills

problem-solving

self-motivated

responsibility

confidence

communication

hard-working

teamwork

passionate to learn

Book and Courses

- The Pragmatic Programmer - Andy Hunt and Dave Thomas
- Introduction to Algorithms - Thomas H. Cormen (some chapters)
- SOLID: The Software Design and Architecture - Khalil Stemmler
- AlgoExpert - Clement Mihailescu (currently watching)
- JavaScript Algorithms and Data Structures Masterclass - Colt Steele
- Microservices with Node JS and React - Stephen Grider
- Complete intro to React, Intermediate - Brian Holt
- Epic React - Kent C. Dodds
- Production grade Typescript, MonoRepos - Mike North
- Head First Design Patterns - Freeman and Sierra (currently reading)

Interests



Anime



Leet Code



Vidoe Games



Youtube



Music



Books