MOHA MOVAHEDMANESH

SOFTWARE ENGINEER

Contact

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Skills

React TypeScript Node JS

Express

Unit Testing Jest

Javascript HTML CSS

SASS

CI/CD Docker Kubernetes

Honors and Awards

- Top 1% National University Entrance Exam
- 3rd place at National JavaCup Contest

Certifications

- Rahnema College Software Engineer Graduate
- Javacup certified Java Programmer
- Javacup certified Java Web Developer
- Javacup certified Professional Developer

Language

- English
  - TOEFL: 106/120
  - GRE: 326/340
- Persian

Summary

T-Shaped Software Engineer with half a decade of hands-on experience in web development. Proficiency with multiple programming languages with a deep specialization for Web technologies, including Javascript, HTML, CSS, and the broader JS ecosystem. Lifelong learner and computer enthusiast. Proven track record of taking end-to-end ownership of projects. Passionate about improving developer experience and help individuals and businesses succeed.

Relevant Experiences

Note: Experiences provided are sorted based on relevancy.

Frontend Developer   2021 - Present
Red Acre

- Architected scalable whilte-label frontend solution to bring business impact to 24 brands serving total of 4.3 million customers, with abstracted app logic to reduce development cost, and the ability to extensively customize the look and feel based on Brand's requirements. (Example) (Example) (Example)
- Served as Developer #1/Subject Matter Expert in team S.H.I.E.L.D., acting as the first point of contact for system's reliability and resolving production issues in a complex distributed system, demonstrating high level responsibility and expertise.
- Increased business impact across all tech teams by reducing technical debts and improving CI/CD. Reduced avg container size from 2.44GB to 1.05GB, and deployment time from 11 minutes to 5.

Technologies

```
Javascript, Typescript, HTML, CSS, React, Node.js, Express, PostgreSQL, Sequelize, Mongodb,
Mongoose, React-Query, jest, CI/CD, Docker, Kubernetes
```

Team Lead - Bebras   Summer 2023
Sharif University of Technology

- Led a cross-functional team of 14 to rapidly setup bebras competition platform and provide content for the inaugural Algorithmic Creativity and Programming course.
- Maintained both the infra and the platform. Developed features to improve student's experience.
- Generated reports on students' activity and grades via SQL queries.

Technologies

```
php, mysql, apache, linux
```

Software Engineering Instructor   2019 - 2020
Rasa HR

- Led, Designed, and instructed a Software Engineering bootcamp with focus on React-native, React, Typescript, Node.js and Mongodb.
- Coached students in their learning journey, and guided them in defining their graduation project.

Technologies

```
React Native, React, Typescript, JavaScript, CSS, Node.js, Mongodb, Express
```

Software engineer intern   2019
Rahnema college

- Implemented an auction house mobile application with real-time communication, powered by React Native, Typescript, Websockets, Java, and Spring.
- Made technical decisions on the product's architecture, improved user experience by react native animations, and participated in code reviews.

Technologies

```
React Native, React, Typescript, HTML, CSS, Java, Websocket Spring, Spring boot, Hibernate
```

Education

Bioinformatic   Master of Science (MSc)
Sharif University of Technology   Sep 2022 - Sep 2023

- Coordinated the scientific team of the 8th Winter Series Seminar, hosting renowned figures from Stanford, Google, and MIT.

Computer Engineering   Bachelor of Science (BSc)
Shahid Beheshti University   Sep 2016 - Sep 2021

- Served as a Teaching Assistant 11 times across 8 different courses, from Introduction to Programming to Artificial Intelligence.
- Created and managed the "Jozveh" telegram channel, providing high-quality course notes for 500+ CE students.