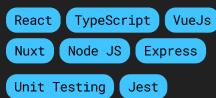## MOHA MOVAHEDMANESH

SOFTWARE ENGINEER

Contact

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- linkedin.com/in/mohamova
- github.com/FunnyPhantom

Skills

React · TypeScript · VueJs · Nuxt · 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

Software Developer   Feb 2024 - Present
[Innovattic]

- Demonstrated a critical vulnerability in network setup of the company that allowed email password combination of every employee to be spoofed. Aided CTO in the fix.
- Made key contribution to numerous projects:
  - Development, and code improvement upon a real-time geo-map application.
  - Research, Implement, and design a LLM based system with RAG (retrieval augmented generation) in order sort through 49 years of academic journals (~11,500 scientific articles) in order to create a database of potential allergenic compounds.
  - Evaluate and assess code quality of a Laravel/Vue codebase as an independent 3rd party source and provide suggestions.

Technologies

```
React, Next, Serverless, Vue, PHP, Laravel, Python, LLMs, RAG
```

Frontend Developer   Jan 2021 - Dec 2023
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
```

Software engineer intern   Summer 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
```

Chicheraa   Jan 2019 - March 2019
Frontend Developer (Freelance)

- Implemented web-app's frontend via Vue and Nuxt, using SSR method to ensure best SEO visibility for the product.
- Curated custom, reusable, responsive components on top of Vuetify library that pixe perfectly matched the design, and used it of throughout the app, such as <ProductCard />

Technologies

```
Vuejs, Vuetify, Nuxt, Material Design, Responsive Resign, Server Side Rendering
```

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.