

Moha Movahedmanesh

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Skills

- Javascript | Typescript | Java | Python | C++ | C | HTML | CSS | SCSS | MySQL | MongoDB | Neo4j | Redis | Pinecone | Webpack
- React | React-native | Redux | Emotion | Tailwind CSS | Material UI | Vue.js | Nuxt.js | Node.js | Express | NestJS | Jest | Storybook
- Mongoose | Sequelize | socket.io | Spring boot | FastAPI | LangChain | Guidance | Docker | docker-compose | Kubernetes | Sentry
- ELK stack | Git | CI/CD | Microservices | Frontend | Backend | Fullstack | English, Persian – *All professional proficiency or above*

Experience

Software engineer	Red Acre Ltd.	<i>St Julians, Malta (Remote)</i>	01/2021 - Current
<ul style="list-style-type: none">• Architected a scalable frontend multi-tenant solution that currently supports 24 brands and offers extensive UI customizability.• Led the design and development of enterprise-level Affiliate System, hosting and serving various affiliate based campaigns with complex relational rules for 4.3 million users using the latest technologies of Node.js, Express, Typescript, React, Redis and MongoDB.• Developed various features E2E, from identifying system requirement and dependencies, software implementations, engineering, testing monitoring, and dashboards.• Steered refactors, code and database restructures to increase performance, reduce cost and deployment times. Successfully achieved reduction in average docker container size by 57% (2.44GB to 1.05GB), deployment speedup of 120% (from 11 minutes to 5 minutes), 525% performance improvement in one of the database queries (2.5seconds to < 400ms), reducing average mongodb document size by 29% (214.99Kb to 151.33Kb) located in the system's main hotpath. This resulted in an increase of iteration speed across all teams.• Wore managerial hats to support the team and the business when needed, acted as an interim product owner in a team of 7, and currently acting as Subject Matter Expert in team Shield, which is the first point of contact regarding the reliability of the system.• Led the team shield's mission, which was to increase the system's reliability of a complex distributed system consisting of 44 projects by tackling the root causes of the problems. Successfully achieved 72% reduction in monthly reported bug rate in 2 quarters.			
Product Owner, DevOps	Rahnema College	<i>Tehran, Iran</i>	12/2021 - 04/2022
<ul style="list-style-type: none">• Served as the product owner of DevOps course in Rahnema College which is recognized as the most prestigious skill bootcamp in Iran, famous for its quality instructors and rigorous selection processes and successfully launched inaugural DevOps bootcamp.• Led the course design process, and created a course path which included the essentials of DevOps Engineering: Linux, Networking, WebServers, Infrastructure as Code, CI/CD, Logging, Monitoring, Tracing, Docker, Kubernetes and Cloud Design Patterns.• Successfully liaised and recruited renowned instructors and seasoned mentors who had experience providing massive infrastructure (7000 CPU cores, 20TB RAM) to 300+ developers to provide maximal value to students. Did regular checkups to ensure this happens.			
React Native Developer	Directik	<i>Istanbul (Remote)</i>	06/2020 - 10/2020
<ul style="list-style-type: none">• Architected and implemented two mobile applications similar to UberEats and UberEats - Restaurant apps (Directik and Directik SMB) via React, React-native, Typescript, React-navigation, Redux, React-native-paper, and websockets.• Mentored junior developers, improved development procedures by introducing coding best practices. (Code reviews, Unit Testing, Git flow)			
Software Engineer Instructor	Rasa HR	<i>Tehran, Iran</i>	12/2019 - 03/2020
<ul style="list-style-type: none">• Taught Software Engineering students via Typescript, React, and React-native, and mongodb and mentored them on personalized projects.			
Front end Lead	TRS Tech	<i>Tehran, Iran</i>	10/2019 - 12/2019
<ul style="list-style-type: none">• Created frontend team, set technology stack. (React, Redux, React-native, Typescript), and hired 1 frontend developer.			
Software Engineer, Internship	Rahnema College	<i>Tehran, Iran</i>	07/2019 - 09/2019
<ul style="list-style-type: none">• Graduated from class of RC10 with development of a real-time mobile app via React-native, Typescript, Java, Spring boot and websockets.			

Education

Bachelor of Science	<u>Shahid Beheshti University</u>	<i>Tehran, Iran</i>	08/2016 - 07/2021
<ul style="list-style-type: none">• Major in Computer Engineering			

Others

- **Top 1% University Entrance exam:** Ranked 90 out of 16302 participants of Graduate Konkour of 2022. **(06/2022)**
- **Bronze Award:** Became 3rd place in the National Javacup contest. **(11/2019)**
- **English Language Proficiency:** Toefl of 106. (R:30, L:28) and GRE of 326 (Q: 168, V: 158) **(Both 10/2022)**