

Esmaeel Motaghi

Engineering Team Lead

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SUMMARY

Engineering leader with 10+ years building and guiding high-performing teams across backend and frontend disciplines. Currently leading engineering for a stock market analytics platform, owning architecture decisions, mentoring engineers, and aligning cross-functional teams (React, Angular, .NET Core) to deliver reliable systems under demanding, high-traffic conditions such as IPO events.

SKILLS

Team Leadership Technical Mentorship Cross-Functional Collaboration System Architecture & Design
Distributed Systems Microservices .NET Core Kubernetes Agile Delivery Stakeholder Communication

EXPERIENCE

Senior Backend Developer / Technical Lead, Asa Co.

Oct 2021 - Present

Tehran, Iran

- Provide technical leadership across backend and frontend teams (React, Angular), aligning API design, system architecture, and performance constraints.
- Mentor engineers and actively contribute to architectural decisions and code quality standards.
- Lead backend engineering for a stock market analytics platform delivering real-time and historical market insights.
- Collaborate with DevOps to design Kubernetes-based auto-scaling infrastructure, ensuring reliable delivery during IPO-driven traffic spikes.
- Architect distributed data-processing pipelines for financial time-series analytics, including parallel aggregation for large-scale fund return calculations.

Full Stack .NET Core & Angular Developer, Futurists Culture of Tasnim

Dec 2017 - Oct 2021

Tehran, Iran

- Guided migration of legacy .NET MVC systems to modern .NET Core architecture.
- Drove architectural refactoring that reduced CPU and memory consumption by ~50%, improving scalability and maintainability.

Software Engineering Advisor, Tosee Paya Pardazeh

Mar 2020 - Sep 2021

Tehran, Iran

- Advised leadership on migration strategy, technology selection, and architectural trade-offs for a legacy Windows Forms accounting system moving to a modern web architecture.

Software Developer, Emrooz Media Group

Nov 2015 - Dec 2017

Tehran Province, Iran

- Developed and maintained scalable web applications, delivering backend-focused solutions aligned with evolving business requirements.

PROJECTS

Toolza

<https://toolza.ir>

Personal project

- A free, customizable start page that brings live gold, currency, crypto and stock prices, weather, calendar and 18+ utility modules into one drag-and-drop dashboard — with multiple desktops, light/dark themes and PIN lock. No sign-up; all data stays in the browser.

EDUCATION

Master's degree, Operations Research	Shiraz University of Technology	2013 - 2015
Bachelor's degree, Applied Mathematics	Arak University	2008 - 2012