

Mehdi Haghshenas

Result-oriented Software Engineer

*with over 10 years of first-hand experience in
Software Architecture and Technical Leadership*

+98 (913) 226 8532
✉ mhaghshenas@gmail.com
📄 mhaghshenas.ir
🌐 mehdi-haghshenas-01b3041b5
📄 /3940315

Professional Profile

- Hands-on utilization of the latest software engineering techniques in programming, DevOps, computer network, and AI on a daily basis
- Highly skilled in working with different programming languages for front-end and back-end development
- Expert in software product management and handling challenging situations
- Proven abilities in collaboration, teamwork, team building, mentoring, and leadership
- Demonstrated experience in top-down system design and analysis
- Comprehensive understanding of software design in a wide range of businesses in the industry including **accounting, HR, payroll, overseas trading, sales, warehousing, tourism (hotel and flight booking, health and medical tourism), virtual training, and online shop**
- Professional experience with high-traffic websites and load balancing

Professional Experience

- Nov 2021 – **Technical Lead (Full-stack)**, *Optimasoft*, Canada, (Remote)
 - Now ○ Design and development of APIs with NodeJS, C#, and Python as well as optimization of DB Queries with the back-end team
 - Implementation of APIs with Angular, Vue, and Flutter with the front-end team depending on WebApp/Application requirements
 - Design of Docker Compose for local systems and Kubernetes and Azure CI to publish the services on the server
 - Holding code review and code analysis sessions
- Jan 2021 – **Backend Lead**, *YesDoctor*, USA, (Remote)
 - Nov 2021 ○ Specifying back-end and front-end requirements through discussions with stakeholders
 - Design and implementation of different APIs in .Net core on Linux
 - Holding code review and code analysis sessions
- Mar 2018 – **Technical Lead (Full-stack), Board Member**, *Chartex*, Tehran, Iran
 - Mar 2021 ○ Management of Development team (18 people) as well as General Management of the company (37 people)
 - Identifying system needs and designing software with our team [Mobile App (Swift, Android Java), Infrastructure (K8S, Docker Compose), Back-end (C#, python, Node), front-end (Angular, Vue)]
 - Design And Implementation of micro-services with Python, C# and NodeJs with RabbitMQ as message broker
 - Holding code review and code analysis sessions
 - Hiring and team building and planning for better training of technical units
- March 2014 – **Backend Lead, Board Member**, *Yaghout Taban Asia (BITA)*, Esfahan, Iran
 - March 2018 ○ **Founder**, Designer and Architect of <https://edbazar.com> E-Shop
 - Designer and Architect of Sale, warehouse, HR and payroll system
 - Managing Technical unit and general management of Company (25 persons)
- March 2006 – **Senior Software Developer, Board Member**, *Tavanmand Industrial Softwares*, Esfahan, Iran
 - March 2014 ○ Lead of CMS software and Accounting software
 - Assisting the CEO in better managing the company through board meetings
- March 2003 – **Software consultant**, *Taban Niroo Sepahan*, Tehran, Iran
 - March 2006 ○ Helped CTO to design software products, create a project sample for difficult tasks, as well as performing NFR and R&D Tasks
 - Participated in technical team analytical meetings and helped to solve mathematical algorithms

Education

2014 – 2016 **Master of Computer Engineering – Artificial Intelligence**

Payam Noor University Tehran Branch, Tehran, Iran

2004 – 2008 **Bachelor of Applied Mathematics**

Isfahan University of Technology, Esfahan, Iran

Skills

Software Architecture and Development

Development Proficient in C#, NodeJs, TypeScript, Python, SQL, and JavaScript
Familiar with Java, C++, Swift

Front-end Working knowledge of Vue.js, Angular, jQuery
Familiar with React, Flutter, Swift, Android Java

Technology .Net Core, Express, Nest, flask, Asp.net MVC, Windows Forms, WCF, WPF, Web Socket Programming, SignalR, PWA, GRPC, RabbitMQ, Fastlane, Gradle, OpenCV, SSO, OAuth, and Identity Server

Databases Proficient in MS SQL, performance tuning, and optimization of queries and ORM queries like **EF**
Familiar with MySQL, Redis, Elasticsearch, MongoDB, Couchbase, Cosmos DB, PostgreSQL, and MS Access

Warehouse/ BI Working knowledge of Microsoft SQL Server Integration Services (SSIS), PowerBI, SQL Server Report Server (SSRS), Snapshot and Replication, HA in MS SQL, Sharding in Mongo

Devops, Project Management and QA

DevOps Docker, Docker Compose, Kubernetes, Azure Cloud, Kibana, Grafana, Prometheus, Zabbix

Cloud Microsoft Azure/ Amazon/ G-Cloud/ Amazon S3/ Azure Blob

Agile Scrum, Kanban

Issue tracker Azure DevOps, Jira, Trello

QA Unit/ E2E/ UI test with Selenium, Puppeteer, Jest, NUnit, XUnit, PyTest

Awards and Honors

2005 – 2008 **Participated in ACM programming competitions of Sharif University of Tehran and got 11th, 24th and 17th ranks for Isfahan University of Technology**

Jan 2007 **Author of the best article of the Isfahan Mathhouse in the field of cryptography, which received the award of Professor Reza**