



# Mehdi Haghshenas

**More than 17 year of first hand experience**  
**Leadership, Software Architecture, Software Development**

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## Professional Profile

- Eager to learn more and self-motivated individual to succeed at work
- Completely familiar with various computer branches such as Programming, Devops, Networks, AI
- Worked with different programming stacks
- Expert in software product management and handling challenging situations
- Outstanding abilities in leadership and team building
- Remarkable facility for strategic big-picture thinking
- Good experience dealing with teams: improving team work and collaboration, leading and mentoring people
- Comprehensive understanding of software design in a wide range of business in the industry including **Accounting, HR, Payroll, Overseas trading, Sales, Warehousing, Tourism (Hotel & Flight booking, Health & Medical tourism), virtual training, Online Shop**
- Professional experience with high traffic websites
- Professional experience about DDOS attacks and how to handle them

## Skills

### Software Architecture and Development

Architecture Monolithic, Microservice, Web based, Desktop, Android, iOS

Security SSO, OAuth, Authorization, Asp.net Identity, Identity Server

Web Proficient in Web API, REST API, Flask framework

Development Proficient in C#, NodeJs, Typescript, Python, SQL, Javascript  
Familiar with Java, C++, Swift

Frontend Working knowledge in Vue.js, Angular, JQuery  
Familiar with React, Flutter, Swift, Android Java

Technology .Net Core, Express, Nest, flask, Asp.net MVC, Windows Forms, MS Workflow Foundation, WCF, WPF, Web Socket Programming, SignalR, WPA and web view app, GRPC, RabbitMQ, Fastlane, Gradle, EmguCV, OpenCV, SSO, OAuth, Identity Server

### Database and Data Warehouse

Databases Proficient in MS SQL, Performance tuning, Optimize Queries and ORM Queries Like **EF**  
Working knowledge of MySQL, Redis, ElasticSearch, MongoDB, Couchbase, Cosmos DB, Postgresql, 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 and Networking

CI/CD	Azure DevOps
DevOps	Docker, <b>Docker Compose</b> , <b>Kubernetes</b> , Kibana, Grafana
Cloud	Microsoft Azure/ Amazon/ G-Cloud/ Amazon S3/ Azure Blob ,...
Platforms	Windows, Linux, MAC OS
Performance	Design and implement backend/frontend caching, CDN configuration(such as CloudFlare, Arvan-Cloud,CDN77), LoadBalancing with Nginx and canary, Sharding and clustering DB
Webservers	Nginx, IIS, Apache
Router OS	Proficient in Mikrotik, Kerio, Familiar in Cisco IOS, ISA Server
Network Managment	Active Directory Domain Service, GPO Managment, DNS server, Ms Exchange, Postfix, Mdaemon, MailEnable, FreePBX, Elastix, Issabel, VLAN Managment, VPN, Radius server and Accounting

## Project Management and QA

Agile	Scrum, Kanban
Issue tracker	Azure DevOps, Jira, Trello
QA	Unit/ E2E Test in Backend with(Stub/ Mock/ Memory DB), Frontend UI test with selenium and selenium IDE

## Professional Experience

- Nov 2021 – **Technical Lead (Full-stack)**, *Optimasoft*, RemoteWorking, Canada.  
Now I am responsible for:
- Negotiate with stakeholder to define needs in backend and frontend;
  - Design and implement of APIs with NodeJS, C# .net, Python also Optimize DB Queries with Backend and DB team
  - Implement APIs with Angular, Vue, Flutter based on WebApp/Application requested freamwork on Frontend team
  - We use docker-compose for local systems and Kubernet and azure CI to publish our services on the server;
- Jan 2021 – **Backend Lead**, *YesDoctor*, RemoteWorking, USA.  
Nov 2021
- Negotiate with stakeholder to define needs in backend and frontend;
  - Design and implementation of different APIs in Python, .Net core on Linux with team;
  - Hold Code Review and Code analysis sessions
  - We use Kubernet and Tekton CI for publish our services on the server;
- Mar 2018 – **Technical Lead (Full-stack), Board Member**, *Chartex*, Tehran, Iran.  
Mar 2021
- Management of Development team(18 persons) also General Management of company (37 persons)
  - Negotiate with stakeholder to define needs and design software with our team (Mobile App (Swift, Android Java), Infrastructure (K8S, Docker Compose), Back-end (C#, python, Node), front-end (Angular, Vue) )
  - Design And Implement micro serives with Python, C# and NodeJs in my team
  - Hold Code Review and Code analysis sessions
  - Hiring and team building and planning for better training of technical units
- March 2018 – **Senior Advisor, Board Member**, *Tikro*, Isfahan, Iran.  
Now I was responsible for:
- Meeting with customer/ CEO/ CTO, to determine and define business needs
  - Help development team to design software better
  - Help establish the system
- March 2014 – **Backend Lead, Board Member**, *Yaghout Taban Asia (BITA)*, Isfahan, Iran.  
March 2018 I was responsible for:
- **Founder**, Designer and Architecture of <https://edbazar.com> E-Shop
  - Designer and Architecture 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*, Isfahan, Iran.  
March 2014
- Lead of CMS software and Accounting software
  - Assist the CEO in better managing the company through board meetings
- March 2005 – **Software Developer**, *Farabord Shabake*, Tehran, Iran.  
March 2006 I was responsible for:
- Lead of CMS software

March 2004 – **Software consultant**, *Taban Niroo Sepahan*, Tehran, Iran.

March 2006 Main duties were:

- Help CTO to design software products, Create a project sample for difficult tasks also Doing NFR, R&D Tasks
- Participate in technical team analytical meetings and help to solve mathematical algorithms

March 2003 – **IT Supporter**, *Farabord Shabake*, Tehran, Iran.

March 2004 Main duties were:

- Responsible for reliability of company hosting servers
- Network and infrastructure support and monitoring

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## 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, Isfahan, Iran

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## Teaching

2005 – 2006 **Teaching C# in NIIT in Isfahan.**

2004 – 2005 **Teaching problem solving course in Isfahan MathHousen.**

2006 – 2007 **Teaching C# language courses in the information center of Isfahan University of Technology.**

2009 **Teaching C# language courses for the Faculty of Industry, Isfahan University of Technology.**

2008 – 2009 **Teaching C++ language courses at the Faculty of Mathematics, Isfahan University of Technology.**

2009 – 2010 **Intensive SQL Server and C# course for students of Payame Noor University of Isfahan.**

2011 **Mikrotik Router OS, Tavanmand Company.**

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## AWARDS AND HONORS

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

Jan 2007 **The best article of the Isfahan Mathhouse in the field of cryptography and receiving the award of Professor Reza.**

Jan 2004 **The best article of the Isfahan Mathhouse in the field of intermittent coexistence and receiving the Professor Reza Award.**

Aug 2008 **Conductor of the 8th Dynamic Systems Seminar at Isfahan University of Technology.**

Oct 2007 **Secretary of Dynamic Systems workshop in Isfahan Mathhouse.**

Nov 2005 **Secretary of the Mathematics Decade Ceremony at Isfahan University of Technology.**

2004-2005 **Secretary of the Scientific Association of the Faculty of Mathematical Sciences, Isfahan University of Technology.**

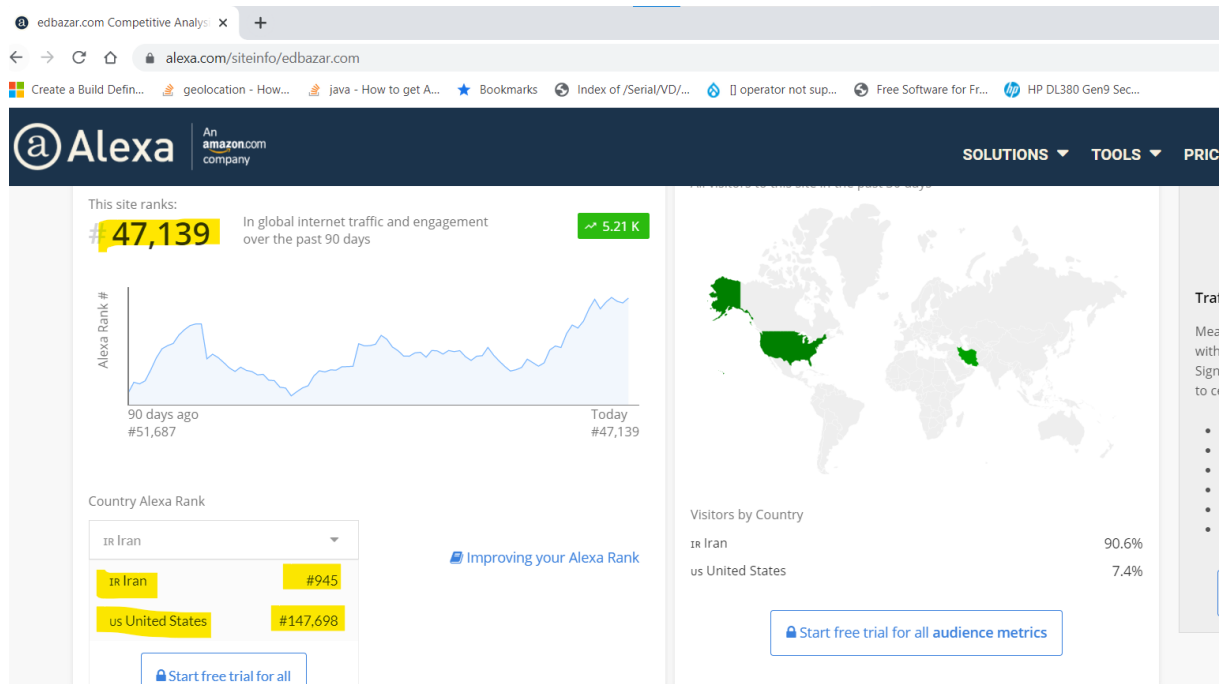
## Projects

### Corporate projects

2014–2018 **https://edbazar.com**, *Bita*, Founder- Designer- Project Manager.

Main features were:

- o **Alexa Ranked** 900th in Iran , 40,000th in the world, alexa site



- o **Stack:** Aps.net MVC, NodeJs, Aps.net Identity, Angular Js, SQL Server, IIS, SOCKET.IO
- o Usign SQL Server Replication for sync data between site and stores

2017-2020 **Chartex CRS Software**, *Chartex*, CTO- Architecture.

Main duties were:

- o **Stack:** C#, NodeJS, Rest API, python, flask, Couchbase, SQL Server, Angular TS, Rabbit-MQ, vue js, wordpress, php, kibana, elasticsearch, logstash, docker, swift, xcode, Java
- o Connect to World famous crs software such as Amadeus, Travel fusion, Multrisen, XML Agency, Hotels Pro, HotelBeds and so on.
- o Api service to famous tourism sites in iran such as Alibaba.ir, Flightio.com, Snapp.ir, ghasedak24.ir and so on
- o Handling more than 100,000 request in minutes with load balancing and HA
- o Create a separate site for more than 400 travel agency with Word Press and update sites/apps with MainWP, Gradle, Fastlane

2017-2020 **Freight software**, *Tickro*, Consultant- Architecture.

Main duties were:

- o **Stack:** NodeJS, Rest API, SQL Server, Angular TS, php, My Sql
- o Connect to RFID reader and IP Camera, **License plate recognition system with AI**
- o Connection to the *bill of lading* system of the Ministry of Interior
- o Handling more than 10,000 request in minutes with load balancing and HA
- o Driver positioning system with Google map and open street map
- o PWA and web view application

### Miscellaneous

2009–now **Production software**, *Asia Gold*, Lead developer.

Main duties were:

- o **Stack:** C#, Windows Forms, SQL Server, WCF
- o Including production line, accounting, HR Module
- o Connecting to gold scales with serial and usb port
- o Including SSO (Single signed on to centralized logging operations between all softwares)

## Personality Traits

- I am passionate about innovating, building systems, and learning new applications.
- I always respect to Transparency of scrum and agile rule and let all team members to see and understand what is really happening in each sprint
- I can explain ideas and concepts concisely and succinctly. I know what to say when to say, and how to say. As a result, I minimize misunderstandings.
- I am good at Reviewing various issues, making quick decisions and take the necessary steps to meet the requirements.
- I am naturally a motivated and curious person who likes to learn new skills. The fact that technology is a fast-changing industry doesn't overwhelm me. It excites me. The relation between my age and my job position can shed more light on this assertion.
- **I am not a single-minded person** and I do not have mental walls that prevent me from seeing the world through the eyes of those with different experiences. Team members feel convenience to express their opinions to me since I don't like **bossy behavior**.
- I have collaborative spirit and aim at motivating my teammates to work effectively and lead the company toward progress and prosperity.
- **To wrap it up, I would like to say that if I hire in your company, I promise to be a worthy and effective member of the team**

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## Reference

- MohammadReza Haghshenas, Mohammad.reza.haghshenas@volvocars.com, 0728889715, Senior software engineer in Golden Architecture team (FAIT)
- Amirhossein Aliakbarian, amirhossein.aliakbarian@booking.com, +31680210803, Application Security Engineer