

# Masoud Asadzadeh

## C# .NET Backend Developer

📍 Switzerland, Lugano (Swiss B Permit with work authorization)    🗣️ Language: English  
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### WORK EXPERIENCE

#### 📍 Hamfekran Information Technology Group, (2013–2020)

Backend Developer (2020 (remote))  
**Project: Government Service, User Monitoring, and Ticketing**

- Contributed to the development of REST APIs on Service Oriented architecture with the focus on connecting the internal government system to on-line interfaces and allowing citizens to transact with government entities to renew their licenses, to pay tax/fines/car tolls/property tolls
- Created backend for single page event log analyzer & ticketing application.

Backend Developer (2018-2019 (remote))  
**Project: AutoTaxi (ETAXI)**

- Designed and developed workflows and processes for taxi-business to serve taxi companies' needs of metropolitan cities such as buying/selling taxis, issuing driving certificates, school services.
- Participated in the design and development of service oriented architecture to meet the process-oriented business needs.
- Achieved improvement in the system's speed by 50% and enhanced scalability and maintainability.

Backend Developer (2016–2017)  
**Project: E-Commerce Application (Epardis)**

- Designed and developed backend and database for NopCommerce (open source E-commerce) for booking services such as catering, equipment hire, and car rental.
- Unified the process of document generation and transmission engine by building a set of libraries and interfaces (E-Letters).

Backend Developer (2014–2017)  
**Project: Automation of Vehicle Technical Inspection (VTI)**

- Automated the recognition and image processing of vehicles' number plates using C++ open source libs.
- Assisted to record inspection hardware outputs & to issue the certification.
- Established a fully customizable inspection software for users across the country.

FullStack Developer (2013–2016)  
**Project: Funeral Service Management**

- When I was hired, the FSM Application was scattered into decentralized apps which had massive cost on support, development, and maintenance.
- Achieved, roughly, a 200% improvement in performance by developing a centralized webApp Automating Burial and Funeral Procedure, supporting selling gravesites, custom reports as well as integrating with BI programs.

#### 📍 Independent Contract (2013–2014)

End to End Developer  
**Project: Supply Chain Automation - Textile, Home Furnishing**

- Developed core functionalities of SCM operations for the management of customer orders, sourcing, logistics, warehouse, and payroll, financial operations, inventory, distribution, etc.
- Exported invoices to MS excel and Crystal reporting service to save time and money by removing paper works.

### ABOUT

A software developer with a demonstrated history in the industry who worked on commercial countrywide and corporate IT-type applications, developing and maintaining newly developed and legacy progressive apps utilizing ORD and .NET in a scrum team. Willing to learn who can play a reliable and loyal role in a team.

### TECHNICAL SKILLS

Languages	Years
C#	●●●●●●
TSQL	●●●●●●
HTML, JavaScript, CSS	●●●●●●
Web Frameworks	
ASP.NET Web Forms	●●●●●●
ASP.NET MVC	●●●●●●
.NET Core	●●●●●●
Desktop Frameworks	
Windows Forms	●●●●●●
WPF	●●●●●●
Communication Frameworks	
ASP.NET WebAPI/RESTful	●●●●●●
WCF	●●●●●●
ASMX web Service/SOAP	●●●●●●
ORM	
Entity Framework	●●●●●●
ADO.NET, LINQ	●●●●●●
Databases	
MS SQL Server	●●●●●●
Reporting	
MS SQL Reporting Service	●●●●●●
Crystal Reports	●●●●●●
Versioning and Build Tools	
TFS, MicrosoftVisualStudio	●●●●●●
3rd Party .NET	
DNN (CMS)	●●●●●●
NopCommerce (E-commerce)	●●●●●●
Server Technologies	
Windows Server, IIS	●●●●●●
SDLC	
Agile development/Scrum	●●●●●●
Solid principle, DesignPattern	●●●●●●

## FREELANCING PROJECTS

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### Legacy Migration on Real Estate Portfolio Management

Contributed to the migration of MS Access database to SQL Server and Web Form app into MVC.

### Automation System of Transportation

Developed a distributed desktop solution that offers transportation services throughout the country. All orders are logged from the registration time to delivery time using RFID tech.

### Flight Information Display App

Created an application to display real-time flight information for passengers can be used in airports and hotels. It can be connected to on-line flight information data source and customizable to show Ads.

### WCF Service front-ended by USSD

Developed a service to issue up to 15-thousands real-time permits a day to control the entrance of vehicles into traffic zones.

### Payment Provider

Worked with POS terminals SDK for developing payment providers.

### Facial Navigator Speaker

Implemented a voice-face recognition prototype for navigation purpose using EmguCV (.NET wrapper for C++ OpenCV computer vision library). Composed of six components: Face Detector, face database, Training Set Manager, Face Recognizer, speaker, Speech Recognizer.

## EDUCATION

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### B.Sc in Software Engineering

University of Science and Culture

(2005–2010) 📍 Tehran, Iran

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### Diploma in Mathematics

School of Exceptional Talents (NODET)

(2002–2005) 📍 Bojnord, Iran

## TEACHING ASSISTANT

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Internet engineering, Advanced Object-Oriented Programming

## PUBLICATION

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Forecasting rail transport petroleum consumption using an integrated model of autocorrelation functions-artificial neural network. Journal of Acta Polytechnica Hungarica, 11(2), 203-214.

## SOFT SKILLS

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Cooperative, adaptable, enthusiastic about learning, and reliable.

## HOBBIES

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📺 Watching Documentaries

📖 Reading 🌲 Hiking