SeyedMasoud Asadzadeh

C# .NET Backend Developer

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WORK EXPERIENCE

Backend Developer (2018-2019 (remote)) Hamfekran IT Group
Project: AutoTaxi (ETAXI)

- Designed and developed workflows and processes for taxi-business to serve taxi companies' needs of metropolitan cities such as buying/selling taxies, issuing driving certificates, school services.
- Participated in the design and development of micro service 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) Hamfekran IT Group
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 (2015–2016) Hamfekran IT Group
Project: E-Government, User Monitoring, and Ticketing

- Contributed to development of REST APIs on micro service 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, and to communicate with police entities.
- Created single page event log analyzer and ticketing application.

Backend Developer (2014–2017) Hamfekran IT Group
Project: Automation of Vehicle Technical Inspection (VTI)

- Automated the recognition and image processing of vehicles' number plate.
- Assisted to record inspection hardware outputs & to issue the certification.
- Established a fully customizable inspection software for a few millions users.

Developer (2013–2016) Hamfekran IT Group
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 supporting selling accessories, GIS mapping capabilities, custom reports as well as integrating with BI programs.

End to End Developer (2013 -2014) Contract
Project: Supply Chain Automation - Carpet, Textile, Home Furnishing

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

ABOUT

A software developer with demonstrated history in industry. Worked on commercial, countrywide advanced business applications and corporate IT type applications. Hands on technical team responsible for developing multiple full stack applications in a SCRUM team.
Self-organized and passionate about making software who can play a reliable role in a team.

EDUCATION

B.Sc in Software Engineering
University of Science and Culture
(2005–2010) Tehran, Iran

Diploma in Mathematics
School of Exceptional Talents (NODET)
(2002–2005) Bojnord, Iran

TECHNICAL SKILLS

- ASP.NET Web Forms, MVC ●●●●◐
- ASP.NET WebAPI, WCF ●●●●○
- ASMX web Service ●●●●○
- Entity Framework ●●●●○
- ADO.NET, LINQ ●●●●○
- MS SQL Server ●●●●◐
- MS SQL Reporting Service ●●●●○
- DotNetNuke CMS open source ●●●●○
- Windows Server, IIS ●●●●○
- Agile development/Scrum ●●●●◐○
- Windows Forms ●●●○○
- WPF ●●○○○
- TypeScript ●●○○○

LANGUAGE & TOOLS

- C#
- C++
- TSQL
- HTML, XML
- JavaScript, JSON
- CSS
- TFS(CI/CD)

FREELANCING PROJECTS

Open Source Drone Software

Contributed in building an autonomous agriculture quadcopter using mission planner as a dynamic control supplement.

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 online 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 vehicle's 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.

Desktop App for Traffic Control

Developed an application from scratch for issuing a monthly permit card for vehicles to enter traffic zones.

3D House

Built a 3D house by graphics APIs like OpenGL.

TEACHING ASSISTANT

Advanced Programming C++, Mathematics, Logic Circuits.

PUBLICATION

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 SKILS

Cooperative, adaptable, experience with multicultural teams, enthusiastic about learning, and reliable.

HOBBIES

- Watching Documentaries
- Reading
- Music
- Hiking