

Omid Dadvar

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Software developer | 6+ years' experience | Full stack development

HIGHLIGHTS OF QUALIFICATIONS

- 6+ years' experience in software development industry
- In-depth knowledge of C#, ASP.NET, and MVC architecture
- Deep understanding of architectural patterns such as Microservices, Clean architecture, and Domain-Driven Design (DDD)
- Experience with .NET Core for developing cross-platform applications
- Experience with .NET for developing windows-native applications (WPF)
- Familiarity with React front-end framework
- Experience with SQL Server, including T-SQL, stored procedures, and query optimization
- Experience with caching strategies like output caching and Redis database
- Experience with reporting tools like Crystal Reports and Stimulsoft
- Strong skills in unit testing and mocking libraries (e.g. xUnit, NSubstitute)
- Ability to implement logging and monitoring solutions to track application health and performance
- Excellent communication skills, both written and verbal
- Experience leading projects from conception to deployment

PROFESSIONAL EXPERIENCE

Founder & Full-Stack Developer

Feb 2026 – Apr 2026

Karkio (Personal Startup Project), Tehran

- Designed and developed a web-based accounting and inventory management application using ASP.NET Web API and React.
- Built core modules including product management, financial operations, user authentication, and reporting dashboards.
- Implemented clean architecture principles to ensure modularity, scalability, and maintainability.
- Designed SQL Server database schema and optimized data access using Entity Framework Core.
- Managed the full product lifecycle—from ideation and architecture to development.
- The project **discontinued** due to extended nationwide internet shutdowns, which halted user onboarding and deployment feasibility.

Software Developer

Mar 2025 – Jan 2026

Amn Moj, Tehran

- Designed and developed scalable RESTful APIs using .NET Core and C#, adhering to Domain-Driven Design (DDD) and Clean Architecture principles.
- Implemented message-based communication using RabbitMQ for asynchronous processing and improved system reliability.
- Optimized backend performance through efficient database design, query optimization, and caching strategies.

- Collaborated with frontend developers to integrate APIs with client-side applications, ensuring seamless data flow.
- Maintained and refactored legacy code to improve maintainability and align with modern architectural standards.

Software Developer

Feb 2021 – Feb 2025

Tazarv Afzar Company, Tehran

- Developed and maintained web applications using .NET Core, and C#
- Migrated the application from .NET Framework to .NET Core to leverage cross-platform capabilities and performance improvements
- Conducted a thorough analysis of the existing system to identify performance bottlenecks, usability issues, and architectural flaws
- Transitioned from a simple MVC architecture to a Clean architecture to improve scalability and maintainability
- Redesigned the user interface based on modern design principles using React framework, improving usability and aesthetics
- Designed and managed SQL Server databases, including creating tables, database normalization, and optimizing queries for performance
- Trained new team members through their initial period, offering support and advice, monitored their progress, and addressed any challenges they face

Software Developer

June 2020 – Jan 2021

Edalatkhaneh Company, Tehran

- Redesigned a plain PHP web application with Laravel framework and MVC architecture
- Designed and normalized a MySQL database
- Developed a new user interface using React framework

Software Developer

Aug 2019 – May 2020

Sajyanegar Company, Tehran

- Developed and maintained network applications using socket programming in Java
- Maintained a hardware bridge app using Javafx for a cloud LIS (Laboratory Information System) application communicating with laboratory equipments
- Implemented TCP and UDP protocols for data transmission in various network applications
- Designed a new user interface for monitoring devices using JavaFx

After Sales Service

Sep 2018 – Jul 2019

Jahanro Industrial Company

- Identified and assessed customers' needs
- Met team sales target
- Informed customers of deals and promotions
- Handled changes in policies and renewals

Sales Executive

Oct 2017 – Aug 2018

Pipex

- Organized sales visits
- Demonstrated and presented products
- Negotiated contracts and packages

English Teacher

Sep 2016 – Sep 2017

Iranmehr Language Institute

- Conducted classes for adult students, maintaining an engaging and inclusive classroom environment
- Incorporated multimedia tools and interactive activities to enhance learning experiences and cater to diverse learning styles
- Taught American-English-File series

EDUCATION AND CERTIFICATIONS**IELTS Certificate (General Training)**

Aug 2023

Band 6.5

Master's Degree in Mathematics

June 2019

University of Tehran, Tehran

Bachelor's Degree in Mathematics and Applications

Jan 2016

Amirkabir University of Technology, Tehran