



AmirHossain Mosavian

Seyed AmirHossain Mosavian

Full Stack .NET Developer

About Me

Date of birth: 1 September 2004

Marital status: Single

Military service: Student deferment

Contact Information

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Professional Links

LinkedIn

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GitHub

amir-HSD

Telegram

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Professional Summary

Full Stack .NET Developer experienced in building enterprise web and Windows applications and configurable platforms. Focused on architecture refactoring, metadata-driven interfaces, integrations and release tooling, with experience in AI-assisted development, Figma design, technical leadership and founding software products.

Professional Experience

Rasaneh Saz Danesh (Knowledge-Based Company)

Full Stack .NET Developer

Mordad 1403 - Present | Tehran

Development & Technical Leadership

- Developed enterprise applications end to end with C#, ASP.NET Core and WPF; designed and managed SQL Server databases, built and maintained RESTful APIs, and implemented and customized BPMS solutions.
- Coordinated development tasks and team activities in a technical leadership capacity; managed source-control and infrastructure workflows with Git and Azure DevOps.

Architecture & Performance

- Independently refactored the data-access, service, API and client layers of a system with an approximately one-million-line codebase in two months with AI assistance. Introduced the Repository Pattern and a central Web API, enabling the database, API, web application and client to be deployed in separate network segments.

Ario UI Platform

- Designed and built Ario's metadata-driven UI builder on .NET Framework 4.8, with a WPF/XAML MVVM editor, drag and drop, a toolbox, component tree, property editor, and design, settings and preview modes. Used tree-based page models, XML database storage and JSON over Web API, converting structures into web models and templates at runtime.
- Supported 17 ready-made component types, including tree, accordion and Ribbon menus; tab panels and reusable tabs; dashboards, reports, entity panels, search, worklists, media and an HTML editor. Implemented a shared layout model with nested groups, horizontal and vertical layouts, dimensions, alignment, spacing and labels.
- Built page and template management with template-based creation, editing, renaming, default-page selection and validated, unique web addresses. Filtered fixed-menu actions by permissions and execution environment; sourced layout direction from the localization service.
- Recorded before-and-after structures, users and edit timestamps, extracting change details through XML comparison. Added default-page caching, concurrent-load control with SemaphoreSlim, an independent structure copy per request, and Heartbeat-based edit locking.

Skills

.NET & Windows Development

C# · .NET Framework 4.8 · ASP.NET Core · ASP.NET MVC · ASP.NET Web API · Blazor · WPF/XAML · Windows Forms

Data & Storage

Microsoft SQL Server · T-SQL · Entity Framework / EF Core · Dapper · MySQL · NoSQL · XML / JSON

Web Development

HTML / CSS · Bootstrap · JavaScript · TypeScript · Node.js · Knockout.js

Architecture & Testing

Repository Pattern · Microservices · MVC · MVVM · RESTful APIs · BPMS · Unit Testing · API Integration Testing · Custom Stress-Test Tool

Development & Release Tools

Git · Azure DevOps · DevExpress · Visual Studio · Version Management & Offline Release Packaging

Authentication, Security & Networking

Windows Authentication · OAuth · JWT · Burp Suite · OWASP · Network+

Python & Machine Learning

Python · FastAPI · Flask · Machine Learning

AI-Assisted Development

AI Software · DeepSeek · OpenCode · Codex · Cline · Agent Instructions · Project Knowledge & Context

Product Design

Figma · Page & UI Design · Component Creation · Design System

Professional Experience

Rasaneh Saz Danesh (Knowledge-Based Company)

Full Stack .NET Developer (continued)

Mordad 1403 - Present | Tehran

Architecture & Performance

- Built a custom stress-testing tool and recorded an increase from 5,000 to 10,000 requests per minute in the tests performed.

Enterprise Modules & Integrations

- Developed ReportPro and custom DevExpress-based dashboards for dynamic data visualization; added a Combined View Panel for live reports in tabbed and slide-style views.
- Developed a custom Scheduler for background jobs and task automation; integrated configurable payment gateways supporting multiple providers.
- Implemented a flexible CMS for dynamically composing UI components within the main application.
- Developed a runtime C# scripting engine and connected the platform's code editor to Visual Studio, with dynamically generated .csproj projects.
- Implemented OTP-based login, automatic Windows Authentication in the Windows application, and credential-based authentication in the web application.
- Developed real-time chat for internal and external communication and a ticketing system for support workflows.
- Integrated civil registration (NCR), the national postal service (Post), the national licensing portal (mojavez) and central-bank foreign-exchange services (ICE). Delivered APIs for the provincial water and wastewater company (TPWW), Iran Urban Regeneration Company (UDRC) and the telecommunications company's finance department (TCI).

Releases, AI & Security

- Built version-management and release tooling for Windows and web applications: version numbering, release history, automated builds, tests and publishing, and ZIP packaging for offline delivery and deployment at enterprise customers. Integrated the tool with ticketing APIs so customers could request version upgrades.
- Designed and used a development workflow with GPT in Work for task analysis and guidance, and DeepSeek through OpenCode for coding. Relayed messages manually with human review, and expanded AI use across company processes.
- Identified and remediated security-assessment findings with Burp Suite and AI.

AmirHossain Mosavian

Full Stack .NET Developer

Education

Bachelor's Degree in Computer Software

University of Science and Culture

Mehr 1403 - Present

Final semester; currently enrolled

GPA: 18 / 20

Associate Degree in Computer Software

Shahid Shamsipour Technical College

Mehr 1401 - Khordad 1403

GPA: 17.5 / 20

Work / study dates: Solar Hijri calendar.

Language

English



Self-assessment: 4 / 5

Design & Product

Approximately one year of Figma experience, including page design, component creation and design-system development.

Developing business knowledge alongside advisory work and product founding.

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Founding & Product Development

Bloris

Women's Care

Founder & CEO | Advisor, Full Stack Developer & UI Designer

Version 1 in development

- Building a women's-care product, with responsibility for full-stack development, UI design and advisory work.
- Launched social-media activity and began developing the first product version.

Lumen

Psychology

Founder & CEO | Developer

MVP in development

- Building a psychology product and developing an MVP that has not yet been publicly released.

Previous Experience

Edo Team

CTO & Developer

Tir 1401 - Shahrivar 1405 | Shiraz, Fars | Project-based / Freelance

- Worked on full-stack .NET projects, with technical responsibilities and product development.
- Developed authentication services and software using facial recognition and fingerprints.
- Launched a Persian-language Red Dead 2 online server and contributed to the development of the ETB AI bot.

Telegram Ads Platform

Business Advisor

Tir 1404 - Mordad 1405 | Tehran

- Provided strategic, operational and financial business advice.

Earlier Projects & Freelance Work

- **EdoNoRecoil & EdoCrossHair (2019):** Designed and developed gaming tools.
- **Persian Discord Bot (2019):** Designed a Discord bot for management, YouTube and music.
- **Graphic Design & Contract Development:** Graphic-design experience before 2018, followed by contract full-stack .NET development after 2018.