

# Mohsen Abdolahi

## SOFTWARE ENGINEER - BACKEND DEVELOPER

Iran, Fars

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*"The best deeds are the hardest"*

## Summary

Seasoned software engineer, with a track record of delivering innovative solutions. Skilled in developing robust business applications, tools for engineering teams, and scalable infrastructure while maintaining and optimizing Linux environments. As a former co-founder of a game studio, I bring both technical depth and strategic vision, combining creativity with execution. I have also worked on large-scale projects with a single massive codebase supporting diverse business logic, where adaptability and precision were key. Delivers reliable solutions in complex systems with precision and adaptability.

## Work Experience

### Baramjk

*Remote, Kuwait*

#### BACKEND DEVELOPER

*Dec. 2024 - Sep. 2025*

- Developed multiple projects for diverse business requirements within a single, generic C#.NET codebase, where a single code change could impact 100+ website and mobile application servers.
- Worked closely with frontend and mobile teams to ensure smooth API integration, including:
  - Created and maintained Postman documentation for APIs.
  - Explained API usage and integration details to team members as needed.
- Designed and implemented a backend dashboard for server management, improving operational control and visibility, including:
  - Cloning projects on servers and listing all website and mobile app servers.
  - Monitoring log sizes and installed plugins for each server.
  - Installing/removing plugins and cleaning logs efficiently for administrators.
- Integrated backend systems with third-party asset management services to streamline resource handling and deployment.

### Morvarid Game Studio

*Bushehr, Iran*

#### BACKEND DEVELOPER & SERVER MANAGER

*Dec. 2023 - Aug. 2025*

- Developed the Namdaran game using Nakama game server with Golang, including:
  - Game logic, database layer, matchmaking, main menu API, leaderboard, weekly tournaments, clans and groups, global chat, shop and app store validation, player inventory, and additional gameplay features.
  - Reviewed and merged server-side code from other developers.
- Developed the backend server for the Dataa Quiz game using C#, including:
  - Player matchmaking, profiles, shop, question answering, and question categories.
  - Admin functionality for creating and managing questions.
  - Player authentication via mobile.
- Maintained Linux servers and Docker environments, including:
  - Setup CI/CD pipelines in GitHub Actions for development instances.
  - Implemented blue-green deployment with HAProxy for production updates with near-zero downtime.
  - Configured Grafana, Loki, and Promtail to visualize health metrics, logs, and analytical charts.
- Managed documentation and server-side tasks using Notion and Codecks.
- Assisted Unity team in debugging RPC and API calls directly by running the game in Unity.
- Developed DevLoop social management panel in React to:
  - Send notifications to players for patch changes.
  - Manage player reports with approval/rejection workflow.

### PGU APA

*Bushehr, Iran*

#### PENETRATION TESTER

*Nov. 2022, Dec. 2023*

- Conducted penetration testing on web applications using OWASP methodology.
- Participated in Capture The Flag (CTF) competitions with a team, solving various security challenges.
- Studying network security and gaining hands-on experience with Linux systems.

## Skills

#### EXPERT IN:

- C#, ASP.NET Core, Golang, MVC, REST APIs
- SQL Server, PostgreSQL
- Clean Architecture, Layered Architecture

#### WORK WITH:

- Docker, Nginx, HAProxy, GitHub Actions, Grafana, Loki, Promtail
- Redis
- DDD, Microservices Architecture, OWASP

#### FAMILIAR WITH:

- MongoDB, RabbitMQ, Kafka, Elasticsearch
- Kubernetes
- TypeScript, React, Microsoft Blazor
- Event-Driven Architecture, TDD

#### SOFT SKILLS:

- Growth Mindset, Adaptability, and Continuous Learning
- Strong Teamwork and Collaboration in Agile/Scrum Environments
- Effective Problem-Solving and Critical Thinking
- Clear and Simple Communication Skills

## Education

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### PGU(Persian Gulf University)

B.S. IN COMPUTER SCIENCE AND ENGINEERING

*Bushehr, Iran*

*2020 - 2024*

## Honors & Awards

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2023 **Top 10**, Quera security Hackathon

*[Certification Link](#)*

2023 **Participate**, Quera C# and .NET Hackathon

*[Certification Link](#)*

2023 **Top Winners**, Quera Irancell labs Artificial Intelligence Hackathon

*[Certification Link](#)*

## Interests

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- Gym , ESports , Travel , Neuroscience , Music