

Mohammad Hossein Khonakdari

Senior .NET & Unity Developer

SUMMARY

Senior .NET Developer with 10+ years of experience in enterprise systems and full-stack applications. I was mostly self-employed. Seeking a .Net developer / Unity developer or Software Engineer position to utilize my skills and experience.

INFORMATION

Location: Iran (Babolsar) | Open to relocation
Visa sponsorship & relocation required

Education: Bachelor Software Engineer
Non-Profit Mirdamad University, Gorgan

- Thesis: Developed a practical web scraping project focused on extracting and analyzing data from news agency websites.

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GitHub: <https://github.com/khonakdaiforgit>

WORK EXPERIENCE

2017-2019

.Senior .NET Software Engineer – Core Banking Systems

Company: SaminRay

Technologies: C#, .NET, WinForms, ASP.NET MVC, WCF, SQL Server (T-SQL), MongoDB, Reporting, Logging & Monitoring

Key Projects:

- Core Banking System
- Fixed Asset Management System
- Touch-Based Kiosk Application

Responsibilities & Achievements:

- Acted as a core contributor to the development, maintenance, and optimization of a mission-critical Core Banking system, working across backend services, UI layers, and database
- Served as a direct technical point of contact between the bank's IT center, technical management, and multiple banking departments, receiving tasks, requirements, and production issues
- Designed and implemented backend services and user interfaces for core banking modules, fixed-asset systems, and touch-based kiosk applications
- Maintained and optimized SQL Server databases, identifying and refactoring heavy T-SQL queries and indexes, achieving up to 40% performance improvement in critical workflows
- Maintained and optimized WCF services, focusing on stability, scalability, and performance monitoring in production environments
- Redesigned the logging mechanism from file-based storage to a centralized MongoDB-based logging service, enabling searchable logs, improved monitoring, and effective incident and fraud investigation
- Implemented monitoring and logging solutions to support high-stakes financial operations, improving system observability and operational reliability
- Collaborated closely with technical leadership to prioritize tasks, resolve cross-system issues, and deliver production-grade solutions under strict reliability requirements

MY PROJECTS

1. **Restaurant CMS/Platform** ([GithubSource](#))
Backend and UI for Restaurant and Cafe Management System **Technologies:** .NET Core 8, EF Core, Onion Architecture, MVC, MongoDB, JWT (Access & Refresh token), Api, Bootstrap & ...
2. **Games** ([LastStand](#), [SunCar](#), [Gorbagh](#) & ...) Development of full 2D games **Technologies:** C#, Unity, 2D, Animation, Tweening, API (.Net Core), JWT, MongoDB, Inskacape, GIMP, Audacity, AdMob & ... (Sample: [GithubFroggy2](#) [Myket](#) & [Bazar](#))
3. **Crypto File Web Application** ([Demo](#))
A platform for simple selling files with crypto USDT payment & Affiliate Program **Technologies:** .NET Core 8, EF Core, Onion Architecture, MVC, MongoDB, JWT (Access & Refresh token), Api, Bootstrap & ...

AWARDS

2013-2015



Silver Medal – Iran National Skills

Competition 2014 (WorldSkills Category: IT Software Solutions for Business)

Secured second place in Iran's National Skills Competition (organized by TVTO, aligned with WorldSkills International standards) – the selection stage for global events. Competed in developing enterprise software solutions: analyzing business requirements, system/database design, rapid implementation, advanced reporting, and security features under time pressure.

Format: 3-day intensive (multiple modules daily) among provincial top performers; judged per WorldSkills CIS criteria.

Technologies Demonstrated: C#, .NET (WinForms/WPF), Entity Framework, T-SQL (optimized queries/procedures), SQL Server, RDLC Reporting, OOP principles.

SKILLS

Programming: C#, .NET Core 8, ASP.NET MVC, EF Core, Dapper, LINQ, WinForms, WPF, Logging & Monitoring / **APIs:** RESTful, SOAP, ASP.NET Core API, / **Databases:** SQL Server, T-SQL, MongoDB, RealmDB / **Architecture:** Onion Architecture, Dependency Injection, Repository Pattern, DDD / **Frontend & UI:** Razor, JavaScript, jQuery, Bootstrap, Chart.js / **Tools & DevOps:** Redis, GitHub, Log4Net, Microsoft Report Viewer, QuestPDF / **Security:** JWT Authentication, SQL Injection Prevention / **Other:** Unity 2D, Web Scraping, Problem Solving, Time Management

ENGLISH LEVEL

A1 Beginner ([EF SET Certificate](#))

- Proficient in reading and understanding technical documentation.

I am willing to dedicate two weeks to a trial project or technical assessment so that you can evaluate my skills and capabilities.