

Hosein Hayati

Senior .NET Backend Developer | FinTech & InsureTech

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ABOUT

Senior Backend Developer with 7+ years of experience architecting, developing, and maintaining enterprise-grade financial software in the insurance and fintech sectors.

Proven track record in building digital wallet systems, payment gateways, and high-volume financial transaction processing using ASP.NET Core — having processed **over 200 billion Tomans** in real-world production. Experienced in both Monolithic and Microservices architectures.

Deep expertise in Clean Architecture, Domain-Driven Design (DDD), and building systems that are both maintainable and scalable. Committed to continuous learning and leveraging AI tools to accelerate development. **Open to remote opportunities.**

TECHNICAL SKILLS

[.NET](#) [C#](#) [ASP.NET Core](#) [Docker](#) [SQL Server](#) [Redis](#) [EF Core](#) [Dapper](#) [Clean Architecture](#) [DDD](#) [CQRS](#) [Microservices](#)

.NET Ecosystem	ASP.NET Core, DI, Middleware, Filters, Background Services, Configuration, Options Pattern
API	RESTful API, Swagger / OpenAPI
ORM & Database	EF Core (Code First, Migration, AsNoTracking), Dapper, T-SQL
SQL Performance	Tuning, Indexing, Execution Plan, SQL Server Profiler
NoSQL	Redis (distributed cache), MongoDB (familiar)
Logging	Serilog, ELK Stack (Kibana), Seq, Grafana, Custom Metrics
Reporting	Stimulsoft (design, data binding, export)
Architecture	Clean Architecture, DDD, CQRS, Repository, Unit of Work, Mediator, Event-Driven
DevOps	Git, Docker (Dockerfile, Compose), CI/CD (familiar)
Frontend	JavaScript, React (familiar), Blazor
AI Tools	Claude, GitHub Copilot — daily workflow
Language	English – Intermediate (technical docs)

EXPERIENCE

Senior Backend Developer & System Design — Saman Insurance

Tehran, Iran

Jul 2023 – Present

Digital Wallet System (Saman Insurance App)

- Architected and deployed a full-featured digital wallet using **ASP.NET Core 6** (Monolithic, full production)
- Engineered two wallet types (credit & cash) with independent business logic per transaction type
- Implemented deposit from payment gateway, referral credit rewards, withdrawal, and P2P transfers
- Built payment gateway integration as an independent service connected to the wallet
- Implemented robust concurrency controls to prevent race conditions in financial transactions
- Built transaction monitoring and reporting dashboard for the operations team
- Integrated Serilog & ELK Stack for structured logging and real-time event analysis
- Processed over **200 billion Tomans** in transactions over 2 years

Insurance Systems Contribution

- **Gold Unit-Link** (Microservices, DDD, Event-Driven, .NET 6): development & maintenance of event-based insurance services
- **Darmanat** (ASP.NET MVC, ADO.NET, .NET 4.5): new features, Custom Metrics, Grafana dashboards

ASP.NET Core EF Core SQL Server Redis Serilog ELK Stack Grafana

.NET Developer — Mehrsepan

Tehran, Iran

Dec 2021 – Jul 2023

- Developed and maintained internal banking software with ASP.NET Core Web API
- Applied Domain-Driven Design (DDD) for effective software layering
- Used Entity Framework and Dapper for efficient database communication
- Integrated external services via Flurl; used Stimulsoft for reporting

ASP.NET Core EF Dapper DDD Flurl Stimulsoft

Full-Stack Web Developer — Saipa

Tehran, Iran

Sep 2020 – Nov 2021

- Led migration of internal system from Oracle Forms to modern ASP.NET Core + React
- Used Kendo UI for front-end and Stimulsoft for reporting

ASP.NET Core React Kendo UI Stimulsoft

PROJECTS

Pishgamit — Tech News & Learning Platform

Full-featured news/educational platform | .NET 10 | Production

- Full platform with ASP.NET Core (MVC + Blazor), admin dashboard, article & Q&A modules
- Comments, Caching, Razor Pages, jQuery AJAX for real-time interaction

Digital Wallet — Microservices (Open Source)

Open-source digital wallet with modern architecture

- ASP.NET Core 8 + Clean Architecture + CQRS + Event-Driven + Docker Compose

SOFT SKILLS

- Accountable and committed to deadlines
- Strong requirements analysis
- Experience under high pressure
- Familiar with Scrum/Agile
- Onboarding & technical documentation
- Remote-work capable
- Continuous learning mindset
- Fast learner of unfamiliar systems

EDUCATION

Bachelor's Degree – Software Engineering Technology

Islamic Azad University, Mahshahr Branch | 2013 – 2017 | GPA: 15/20

CONTACT

LinkedIn Telegram Email Website