

AmirHossein TahanPourMoghadam

Senior Backend Developer (.NET / C#)

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PROFESSIONAL SUMMARY

Passionate, collaborative **Senior Backend Developer** with **5+ years of experience** architecting scalable, high-throughput distributed systems and enterprise APIs using **C#, ASP.NET Core, and modern databases**. A strong believer in team synergy, proactive communication, and positive engineering culture. Adept at leveraging modern AI development tooling (Claude, Codex, Hermes) to elevate engineering quality and speed, while designing production-grade systems across OTA travel, FinTech, legal, and multi-tenant SaaS platforms.

TECHNICAL SKILLS

- Languages:** C#, Python, SQL, JavaScript, PHP
- Frameworks & APIs:** ASP.NET Core, ASP.NET MVC, Web API, gRPC, EF Core, Dapper
- Architecture & Patterns:** Clean Architecture, Domain-Driven Design (DDD), CQRS (MediatR), Microservices, Multi-Tenant Systems, SOLID Principles, RESTful APIs
- Databases & Caching:** SQL Server, PostgreSQL, MongoDB, Redis, Elasticsearch, Seq
- DevOps, CI/CD & AI:** GitLab CI/CD, Docker, Git, RabbitMQ, AI Developer Tools (Claude, Codex, Hermes), Linux (Ubuntu), Windows Server
- Testing & Practices:** Test-Driven Development (TDD), Unit Testing (xUnit), Integration Testing, Code Reviews & Team Collaboration
- Frontend Frameworks:** Angular, Blazor, Vue.js, React, Astro

PROFESSIONAL EXPERIENCE

Senior Backend Developer | PingoTrip

September 2026 – Present | Mashhad, Iran (Full-time)

- Architecting and engineering core OTA (Online Travel Agency) pricing engines and flight/hotel fare computation microservices with high concurrency and reliability.
- Collaborating closely with cross-functional product, frontend, and engineering teams to deliver resilient API contracts and low-latency fare retrieval.

Senior Backend Developer | Direct

June 2026 – August 2026 | Mashhad, Iran (Full-time)

- Architected and developed an AI-powered customer recommendation engine that analyzed user engagement patterns and dispatched personalized offers via automated SMS pipelines.
- Engineered a high-performance URL shortening service (short linker) using ASP.NET Core and Redis to track customer click-through conversions in real time.
- Implemented low-latency inter-service communication using **gRPC** and established automated **GitLab CI/CD** pipelines for streamlined containerized deployments.
- Integrated cutting-edge AI development agents (Claude, Codex, Hermes) into daily workflows, significantly accelerating feature delivery, refactoring speed, and code quality.

Backend Developer | Hesabrasyar

January 2025 – March 2026 | Mashhad, Iran (Full-time, On-site)

- Architected comprehensive enterprise accounting system using ASP.NET Core and SQL Server, supporting clients processing 10,000+ monthly financial transactions.
- Engineered database-per-tenant multi-tenant architecture, ensuring 99.9% data isolation and enterprise security compliance.
- Designed and implemented automated data seeding engine, slashing client onboarding time by 87% (from 2 hours to 15 minutes) and saving 150+ operational hours annually.
- Led codebase refactoring and query optimization initiatives, improving API response times by 15% through Redis caching and query plan tuning.
- Developed an AI-powered audit automation assistant using LangChain and Python, processing 1,000+ monthly audit requests with 85% accuracy and cutting manual audit workloads by 60%.

Backend Developer | VakilBashi

July 2024 – January 2025 | Mashhad, Iran (Full-time, On-site)

- Architected and developed a comprehensive legal consultation platform featuring real-time consultations, secure messaging, and appointment scheduling for 500+ legal professionals.
- Designed high-security RESTful APIs for case workflows, client communication, and encrypted document storage with role-based access control (RBAC).
- Engineered digital automotive contract system with digital identity verification, reducing contract cycle time by 40% and eliminating manual paper workflows.

Backend Developer | AvalWeb

October 2023 – July 2024 | Tehran, Iran (Full-time / Remote)

- Delivered robust backend services for 3+ concurrent ASP.NET Core projects serving 5,000+ active users across healthcare, CMS, and e-commerce sectors.
- Built RESTful APIs and optimized SQL Server queries and indexing, reducing endpoint latency by up to 20%.
- Implemented Redis distributed caching, token-based authentication, and Clean Architecture standards across the engineering team.
- Promoted team culture through weekly code reviews and architecture design sessions, decreasing technical debt and post-release defects by ~30%.
- **Key Projects:** Clinic Management Platform (handling 200+ daily appointments), Enterprise CMS with real-time chat, and multi-tenant e-commerce systems.

Backend Developer | ManaAndishehCo

March 2022 – March 2023 | Mashhad, Iran (Part-time, On-site)

- Optimized real-time GPS fleet tracking system for public transit, improving live map rendering performance by 20% and lowering latency for 10,000+ daily commuters.
- Refactored complex SQL stored procedures and queries, reducing average query execution times by 35% and database CPU usage by 25%.
- Created comprehensive OpenAPI/Swagger documentation and API specs, accelerating new developer onboarding from 2 weeks to 5 days.

OPEN SOURCE & TOOLS

EFMigrationsSquasher (NuGet Package)

Creator & Maintainer | nuget.org/packages/EFMigrationsSquasher

- Built and published an open-source .NET developer CLI utility to squash and consolidate Entity Framework Core migration histories for large codebases, reducing deployment migration overhead and build times.

EDUCATION

Bachelor of Computer Engineering

Islamic Azad University

October 2023 – October 2025

- Coursework focused on distributed software systems, advanced algorithms, and artificial intelligence.

Associate Degree in Computer Software

Montazeri Technical College

January 2020 – July 2022

- Engineered image-processing algorithms to extract numerical data from dynamic layouts; developed backend services for an ASP.NET e-commerce platform.

LANGUAGES

Persian: Native **English:** Advanced (Professional Working) **German:** Intermediate