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Amirhossein Sarfaraz

Back-End .NET Developer

SUMMARY

I'm a back-end .NET developer who builds data-heavy systems, the kind where the database design has to be right before anything else. Since 2023 I've shipped university ERP modules, a live sports platform with online payments, an online store and an AI service that now runs in production. Open to back-end and full-stack .NET roles.

EXPERIENCE

Software Developer · Islamic Azad University — Central Organization — Dec 2023 – Present

Sajed is the integrated ERP that runs Islamic Azad University's administration: payroll, HR, education and finance for staff and faculty. I design database structures and build modules end to end with C#, ASP.NET MVC / Web API and SQL Server.

- Build and maintain core modules: loans and facilities (bank integrations, loan raffles, quota allocation), employment status conversion, official missions, end-of-service severance and HR services, plus parts of payroll and education.
- Built Sajed App, a self-service app for staff and faculty: a token-based API with 56 endpoints, OTP login, encrypted identifiers and PDF/QR documents, plus a React front end.
- Developed SajedDoc, an AI service in production that recognizes the type of uploaded HR documents (PyTorch, Persian OCR, ONNX Runtime) with 97.7% validation accuracy at ~13 ms per image, and flags documents that belong to the wrong person.
- Analyze complex business data and stored-procedure logic to design reliable workflows such as approvals, committee votes, payment bundles and printable reports.
- Documented the ERP database and its 3,346 lookup values to speed up development and onboarding.

Freelance Back-End Developer · Self-employed — May 2025 – Present

Back-end and full-stack projects for product teams, alongside my full-time role.

Komando — online store for outdoor and tactical gear (komando.shop), 2026 – present

- Built the whole system on my own: the ASP.NET Core 9 API (Clean Architecture, PostgreSQL, 260+ endpoints), the Persian storefront in Next.js and the staff panel.
- Covered the store's daily work: SMS login, carts that hold stock during checkout, orders and shipment tracking, store credit, in-store sales, coupons, returns and sales reports.
- Wrote a Persian search that still finds products when the query has typos, and set up deployment with Docker Compose and Caddy, plus self-hosted analytics and server alerts.

WinUp360 — sports-education platform (winup360.com), 2026 – present

- As technical lead, turned the product idea into a live platform and guided the front-end team on product and UI design.
- Designed and built the back end: ASP.NET Core 8, PostgreSQL, 70+ REST endpoints, OTP login and role-based approval flows.
- Implemented the money flow: Zibal, Vandar and Bitpay payments, billing cycles, wallets, platform fees and payouts to coaches and clubs.
- Built the admin panel with React, TypeScript and Tailwind — 30+ pages for verifications, payments and settlements.

Hoshyar — AI-powered workspace for organizations, 2025

- Led back-end development on .NET 9 with Clean Architecture and CQRS: AI chat and agents, calendars and meetings, task boards, forms and access control.
- Built document search with PDF text extraction, OCR and MeiliSearch, plus event-driven processing with RabbitMQ.

Noor — Bonyad Salavat, 2025

- Built the rewards and engagement API for the foundation's app: token wallets, campaigns, missions, daily rewards and referrals, with SMS-based login.
- Set up CI/CD with GitHub Actions so every change deploys to production automatically.

Co-Founder & Back-End Developer · Grand Role Play

Feb 2026 – Present

Grand Role Play is a GTA V (FiveM) role-play community with its own game server, web shop and in-game economy.

- Co-founded the project and run the business side: product direction, monetization and the GoldCoin economy.
- Designed and built the web-shop back end on ASP.NET Core 9 (Clean Architecture, CQRS), connecting the site database to the game economy through Dapper and MySQL.
- Secured player accounts with OTP login checked against the game database, rotating hashed refresh tokens and audit-logged admin tools.
- Manage the production game and web servers, including deployment, configuration and hardening.
- Guided the front-end work on the landing page and web app with product ideas and designs.

Radio Frequency Engineer · Zitel

Jan 2023 – Oct 2023

Provided radio network support: monitored radio links, troubleshot RF issues and resolved support cases.

SKILLS

Back end	C# · .NET · ASP.NET Core · ASP.NET MVC · ASP.NET Web API · Entity Framework Core · Dapper · RESTful APIs · Clean Architecture · CQRS · SignalR · Hangfire · RabbitMQ · Redis · xUnit
Data	Data Analysis · Database Design · Microsoft SQL Server · Transact-SQL (T-SQL) · Stored Procedures · PostgreSQL · MySQL
Security & integration	JSON Web Token (JWT) · Application Security · Payment Gateway Integration · API Integration
Front end	React.js · TypeScript · JavaScript · Tailwind CSS
DevOps	Docker · Git · GitHub Actions · CI/CD · NGINX · Server Administration
AI / ML	Python · PyTorch · Machine Learning · Computer Vision · Optical Character Recognition (OCR) · ONNX · FastAPI · Large Language Models (LLM)

EDUCATION

Bachelor's degree · Computer Engineering — Islamic Azad University, Yadegar-e-Imam Khomeini (RAH) Shahr-e Rey Branch