

Ali Chavoshi

Asp.net Core – Angular · Senior Developer & Software Architect

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Angular

C#

ASP.NET Core

Web API

DevOps

Persian: Native English: Intermediate

Date of Birth: 1993 Marital Status: Married

About Me

Senior developer and software architect with **9+ years of experience** designing and building enterprise systems, ERP platforms, e-commerce solutions, and web-based industrial software. Specialized in **ASP.NET Core, C#, and Angular**, with a focus on scalable, reliable, and maintainable microservice architecture. I have hands-on experience building production traceability systems, quality control platforms, production-line monitoring, supply chain management, warehousing, and production planning — designed around **Clean Architecture, CQRS**, and modern design patterns. Alongside my professional work, I've taught **2,000+ students** through specialized courses, helping grow the developer community.

Skills

- ✓ Senior full-stack development focused on ASP.NET Core, C#, Web API, and Angular.
- ✓ Software architecture design using Clean Architecture, CQRS, and design patterns.
- ✓ Designing and building microservice systems with Docker, Kubernetes, RabbitMQ, and gRPC.
- ✓ Building enterprise, ERP, and industrial systems for production, supply chain, product traceability, quality control, and production-line monitoring.
- ✓ Requirements analysis, problem-solving, technical leadership, and knowledge transfer — backed by experience teaching 2,000+ students.

Soft Skills

Accountability

Team Management

Competitive Drive

Reporting

Time Management & Planning

Problem Solving

Experience

Product Traceability & Quality Control System — Production to Shipment

In Progress

2018 – Present

- Designed and built a complete product traceability system, from production to warehouse.
- Developed a barcode validation module to prevent duplicate or incorrect barcodes from being issued or shipped.
- Built a quality control (QC) monitoring system, including test detail logging and operator tracking.
- Developed a real-time, tablet-based warehouse dashboard for inventory and shipment management.

ERP / Monitoring Project — Iskra Auto Electric Iran

In Progress

2018 – Present

- Built a production-line monitoring system to provide clear visibility into output, downtime, and waste.
- Developed an Andon system for real-time downtime tracking and automated SMS alerts.
- Recorded and analyzed production data with station-to-station performance comparison to improve efficiency.
- Built a waste and defect management system with precise data segmentation and allowable error thresholds.
- Implemented FMEA for error prevention and management across production processes.
- Delivered training videos to operators via tablet at each station to improve operational skills.
- Monitored station inventory in real time and optimized production planning to boost efficiency.
- Automated mold-strike counting and lifespan estimation to reduce maintenance costs.
- Improved depot management and production-line planning through real-time monitoring of station inventory.
- Calculated monthly operator bonuses based on performance and efficiency.
- Provided full operator performance reports on request.

Custom ERP for Yekta Foolad Mehrad Kavir Steel Co. [Mehradkavir.com](https://mehradkavir.com/) (<https://mehradkavir.com/>)

In Progress

Freelance Web Developer

Played a key role in designing and building an integrated solution for supply chain and business process management on the custom Mehrad Kavir platform. The system covers production planning, warehousing, procurement, an online store, and customer/supplier relationship management — built to increase operational transparency, cut logistics costs, and streamline the flow of information, materials, and goods. The project includes a storefront panel, an admin panel, and the company's public website.

Insanustu Company — Freelance Angular Developer

Completed

2022 – 2023

Worked remotely as a freelance Angular developer with Insanustu, a software company based in Turkey, for one year. Contributed to the development, optimization, and maintenance of Angular-based projects, with a focus on improving code quality, frontend architecture, and user experience.

Instructor & Consultant

Alongside my professional work in software development and architecture, I place a strong emphasis on teaching and sharing experience. I've published specialized courses on web development, ASP.NET Core, Angular, Docker, and microservice architecture on **Daneshjooyar**, teaching **2,000+ students**, and was recognized as **Daneshjooyar's Best Instructor** in 2021.

Building a Store Project with ASP.NET Core & Angular Microservices

Docker, Zero to Hero

Building a Real-Time Chat Room (Angular & C#)

Building an Online Store from Scratch (Angular & C#)

Angular, Zero to Hero

ASP.NET Core, Zero to Hero

Open-Source Projects

Ecommerce-Microservice

<https://github.com/aliChavoshi/Ecommerce-Microservice>

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Docker

Kubernetes

- Online store built on microservice architecture
- Docker and Kubernetes for deployment and service scaling
- RabbitMQ and gRPC for inter-service communication and messaging
- Identity Server for authentication and user management
- SQL Server, MongoDB, PostgreSQL, and Redis for data management
- Ocelot and Nginx as API Gateway and reverse proxy

HelpDeskSystem

<https://github.com/aliChavoshi/HelpDeskSystem>

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EF Core

SQL Server

- Online ticketing and user support system
- Built on Clean Architecture and SOLID principles
- User, role, and access-level management
- Repository Pattern and Dependency Injection
- Advanced logging with Serilog and API docs with Swagger
- Docker support for easy project setup

EduShopBackend

<https://github.com/aliChavoshi/EduShopBackend>

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Clean Architecture

CQRS

- E-commerce backend built with Clean Architecture
- CQRS for request handling and improved code readability
- JWT-based user authentication
- Repository Pattern, Unit of Work, and Fluent Validation
- Redis for caching and improved system performance
- Docker Compose, unit testing, and GitHub Actions for CI/CD

EduShopClient

<https://github.com/aliChavoshi/EduShopClient>

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Angular Material

RxJS

- E-commerce frontend built with Angular
- Angular Material for UI design
- Cart, orders, wishlist, and online checkout
- User management with JWT authentication
- Routing, lazy loading, and RxJS for performance optimization

Chat-Learning

<https://github.com/aliChavoshi/Chat-Learning>

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An educational real-time chat room built with Angular and ASP.NET Core.

Education

B.Sc. in Electrical Engineering – Telecommunications

Azad University of Kashan · GPA 18/20 · Graduated 2015

Familiar Technologies

Frontend

HTML, CSS, JavaScript, jQuery, TypeScript, Bootstrap

Frontend Frameworks

Angular, Ionic, Angular Material, Prime NG

Backend

C#, ASP.NET Core, ASP.NET Core MVC, Web API

Databases

SQL Server, PostgreSQL, MongoDB, Redis

Tools

Git, GitHub, Docker, Kubernetes, Identity Server 4, Ocelot, Nginx, Azure

Certificates & Credentials

- Microservices with ASP.NET Core & Angular
- Docker, Zero to Hero
- ASP.NET Core, Zero to Hero
- Angular, Zero to Hero
- Online Store with Angular & C#