

# Ahmet FATIHOGLU

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## PROFESSIONAL SUMMARY

**Senior Software Developer (Architect)** with 9+ years of experience in full-stack web, desktop, and mobile development.

- Specializes in C# .NET ecosystem, building scalable ERP architectures and microservices.
- Proficient in TypeScript, React.js, Vue.js, and cross-platform mobile development with Dart/Flutter.
- **Microsoft Certified:** Azure Data Engineer Associate - 2023.
- Proven track record of delivering clean, maintainable software solutions, resolving complex technical issues, and implementing effective, scalable systems.

## TECHNICAL SKILLS

- **Programming Languages:** C#, TypeScript, JavaScript, Kotlin, Java, PHP, C, C++, VB.NET
- **Architectures & Patterns:** Microservices, Clean Architecture, Domain-Driven Design (DDD), CQRS, N-Tier, MVVM
- **.NET Ecosystem:** ASP.NET Core, .NET Framework, ASP.NET MVC, Web API Entity Framework Core, WCF, WPF, WinForms, AutoMapper, MediatR, Polly, FluentValidation, CommunityToolkit.Mvvm
- **Web & Frontend:** React, Vue, Angular, Node.js, Laravel, HTML5, CSS3, Tailwind CSS, MUI, Sass, Bootstrap, jQuery, Vite.js, WebPack, Gulp.js
- **Backend & APIs:** RESTful API, gRPC, MassTransit, RabbitMQ, Ocelot (API Gateway), Swagger, JWT, Refit, JsonSchema.Net
- **Databases & Cache:** Microsoft SQL Server, PostgreSQL, MySQL, SQLite, MongoDB, Cassandra, Redis
- **Cloud, DevOps & Infrastructure:** Microsoft Azure (Virtual Machines, Storage, Functions, Blobs, File Share, Tables), Docker, Heroku, CI/CD, Git, GitHub, SVN, Microsoft IIS, Apache HTTP Server, Microsoft Server, Ubuntu Server, Serilog, OpenTelemetry, VirtualBox
- **Testing & Quality Assurance (QA):** xUnit, Vitest, coverlet.collector, Bogus, WireMock.Net, ESLint, Prettier, Husky
- **AI, Search & API Integration:** Google Gemini AI, YouTube API, GitHub Copilot, Ollama, OpenRouter, ElasticSearch, Lucene, Chrome Extensions, Prompt Engineering, Cline
- **Mobile & Desktop:** Flutter, Dart, Ionic, Android, Electron.js
- **Project Management:** Jira, Asana, Slack

## PROFESSIONAL EXPERIENCE

### Senior Software Developer (Architect) - Freelancer, Istanbul, Turkey, Online

07/2025 – Present

- Architected and delivered end-to-end software solutions, leading projects from initial concept and system design through to full-stack implementation, cloud deployment, and release management.
- Engineered scalable backend systems using a microservices architecture with .NET, DDD, MassTransit and RabbitMQ, and RESTful APIs secured by JWT and routed through an Ocelot API Gateway.
- Developed modern, responsive user interfaces and browser extensions using React.js, TypeScript, MUI, and Tailwind CSS, ensuring high-quality code with a robust testing framework featuring Vite and Vitest and by integrating third-party services such as the Google Gemini AI and YouTube Data APIs.
- Established and automated a complete DevOps lifecycle, implementing CI/CD pipelines, containerization with Docker, and observability with OpenTelemetry and Serilog.

### Software Developer - HİTİT BİLGİ TEKNOLOJİLERİ, Istanbul, Turkey, Hybrid

01/2024 – 07/2025

- Contributed to the development and maintenance of the company's core ERP application and other internal systems as part of a collaborative software development team.
- Developed using ASP.NET MVC, Web Services (WCF), ASP.NET Core, RESTful API, WinForms, DevExpress, MS SQL Server, React.js and Flutter.

### Software Developer - Freelancer, Istanbul, Turkey, Online

11/2023 – 01/2024

- Developed C# .NET applications using WPF, and Console platforms, following the best practices.
- Built RESTful services and web applications with PHP Laravel and Lumen frameworks using MVC pattern.
- Designed and managed database solutions with MySQL.

### Software Developer - Getron TR, Istanbul, Turkey, Online

01/2023 – 11/2023

- Developed C# .NET applications using .NET Core and .NET Framework, including Windows Services, WPF, Console apps, and n-Tier architecture projects.
- Built ASP.NET MVC web applications following n-Tier architecture.
- Implemented Azure services such as Blobs, File Share, Tables, and MS SQL for cloud-based solutions.

### Full-Stack Engineer - Freelancer, Istanbul, Turkey, Online

04/2020 – 12/2022

- Developed C# .NET applications using ASP.NET Core, MVC, WinForms, WPF, and Console platforms, following n-Tier and Microservices architectures.
- Built RESTful services and web applications with PHP Laravel and Lumen frameworks using MVC pattern.
- Designed and managed database solutions with MS SQL and MySQL.

## Software Developer - SETCARD, Istanbul, Turkey, On-Site

08/2018 – 03/2020

- Contributed to the development and maintenance of the company's core ERP web application and other internal systems as part of a collaborative software development team.
- Developed using ASP.NET WebForms, DevExpress and MS SQL Server (Stored Procedure).

## Full-Stack Developer - Freelancer, Istanbul, Online

10/2017 – 08/2018

- Built and maintained full-stack applications through all stages of the development lifecycle.
- Built responsive, cross-browser compatible web interfaces.
- Utilized CI tools such as Heroku and Azure for automated deployment.
- Provided IT support and software development consulting services.

## Software Developer - Verisun Bilisim, Istanbul, Turkey, On-Site

09/2015 – 10/2017

- Designed, analyzed, developed, tested, debugged and maintained full-stack applications.
- Wrote code that meets standards and provides desired functionality using project-specific technologies.
- Built responsive, cross-browser compatible web interfaces.
- Collaborated with team members using Git, Slack, Asana, and Jira.
- Worked with system engineers, developers, project managers, and analysts to deliver integrated, scalable solutions.
- Prepared the necessary documentation in line with the project requirements.
- Troubleshooted and configured web servers and extended them with necessary modules and plugins.
- Designed, modeled, developed, managed, backed up and deployed application databases.
- Implemented backup and recovery strategies.
- Installed, configured and managed virtual machines.
- Installed, configured and updated operating systems and necessary software.
- Converted Photoshop and illustrator images into HTML5 applications.
- Provided customer support by answering questions and resolving technical issues.
- Contributed innovative ideas to enhance application functionality and optimize user experience.

## PROJECTS

A complete portfolio of my work, including additional personal projects, is available on my [GitHub profile](#).

## RepoAlfy - <https://github.com/ahmadmdabit/RepoAlfy>

- **Technologies:** C#, .NET 9, WPF, MVVM, .NET Class Library, .NET CLI, JSON, Git, Markdown
- Architected and developed a dual-interface .NET 9 solution (WPF & CLI) to analyze and document large codebases, using the MVVM pattern to ensure a clean separation of concerns.

- Implemented a dynamic, real-time file filtering system with an interactive tree view and cancellable tasks for a responsive and seamless user experience.
- Engineered an automated output chunking feature to split large code analyses into manageable Markdown files, optimizing them for AI model consumption and review.

### AI Utils Extension - <https://github.com/ahmadmdabit/ai-utils-extension>

- **Technologies:** React 19, TypeScript, Tailwind CSS, Vite, Vitest, Chrome Manifest V3, Google Gemini AI
- Developed a Chrome extension featuring a multi-step AI pipeline using Google's Gemini AI to perform complex operations on browser tabs, including summarization, translation, and custom data extraction.
- Engineered a modern, responsive user interface with React 19 and Tailwind CSS, featuring real-time task status updates and the ability to synthesize data from multiple tabs into a single output.
- Established a professional, scalable development environment with a strict testing framework (Vitest, React Testing Library) and automated code quality checks using ESLint, Prettier, and Husky git hooks.

### E-Store - <https://github.com/ahmadmdabit/e-store>

- **Technologies:** .NET 6, ASP.NET Core, RESTful API, N-Tier Architecture, JWT, Entity Framework Core, SQL Server, MVC
- Architected a full-stack e-commerce application on .NET 6, implementing a scalable N-Tier design to cleanly separate the Data Access (DAL), Business Logic (BLL), and API layers.
- Implemented a secure RESTful backend API featuring JWT-based authentication to protect user data and manage application access, fully documented with Swagger.
- Developed a complete user-facing application using ASP.NET Core MVC and Razor Views, integrating core e-commerce features like a product catalog, shopping cart, and order processing.

### Notification System - <https://github.com/ahmadmdabit/NotificationSystem>

- **Technologies:** .NET Core, Microservices Architecture, Ocelot API Gateway, Dapper, SQL Server, RESTful API
- Designed and implemented a distributed system using a microservices architecture, separating user and notification functionalities into independent, scalable services.
- Configured an API Gateway using Ocelot to provide a single, unified entry point, centralizing request routing and simplifying service discovery for the frontend.
- Built a high-performance data access layer using the Dapper ORM for direct SQL query execution, ensuring efficient communication between services and the database.

### Sinav Olusturma - <https://github.com/ahmadmdabit/SinavOlusturma>

- **Technologies:** .NET Core, ASP.NET Core, N-Tier Architecture, RESTful API, JWT, Dapper, SQLite, HtmlAgilityPack
- Developed a full-stack exam management system using a clean N-Tier architecture to logically separate the API backend, business logic, and data access layers.

- Implemented a secure, role-based authentication system with JWT to provide distinct permissions and application views for Admin and standard User roles.
- Integrated a web scraping module using HtmlAgilityPack to dynamically extract and import content for exam creation, demonstrating practical data extraction skills.

## EDUCATION

### B.Sc. Electrical & Electronics Engineering - Computer Engineering

01/2007 – 01/2014

- University of Aleppo, Faculty of Electrical and Electronics Engineering, Aleppo, Syria.

## CERTIFICATIONS

- **Azure Data Engineer Associate** (Microsoft) - 2023 - [Reference](#)
- **A+** (CompTIA) - 2010

## LANGUAGES

- Turkish (Professional)
- English (Professional)
- Arabic (Native)

## REFERENCE

- Mr. **Uğur Kolcu**, Manager at **Hitit Bilgi Teknolojileri**  
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