

# Aykut AKTAŞ

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## Personnel Information

**Birthdate** : 05.10.1985  
**Marial Status** : Married  
**Military Info.** : Completed (Exemption)  
**Driver License** : B Class  
**Foreign Lang.** : English (Level: C2)  
**Position** : .NET Architect  
**Work Exp. Year** : 13 years  
**Work Auth. & Residence Permit** : EU Citizen with TRP Card (2024 - 2026)  
**Home Location** : My residence address: Deniz Mah. 49262 sok Meltem Köy sitesi J-13 Mersin, Turkey. And I have also EU address: Laisvės pr. 78-19, Vilnius, 05263 Vilniaus m. sav. Vilnius/Lithuania.

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## Executive Summary

Experienced and results-driven **.NET Architect** with over **13 years** of expertise in **full-stack development, systems architecture, and solution design**. Proven track record in delivering scalable enterprise applications across e-commerce, telecom, and insurance. Strong foundation in **both Programming and Business**, backed by a degree in Information Systems Engineering. Currently seeking **Senior/Lead/Architect .NET roles** where I can contribute to architectural decisions, lead Agile teams, and deliver impactful software solutions.

## Highlights

- Led development of 3+ enterprise platforms used by 4.5M+ monthly users.
- Migrated legacy systems to **ASP .NET Core**, boosting system performance by 40%.
- Expertise in **ASP .NET MVC, ASP .NET Core, Blazor, Razor, Azure, AWS, Kubernetes, Microservices, CQRS, and DevOps**.
- Strong expertise in working with relational databases, like PostgreSQL, MongoDB, MSSQL, MySql.
- Delivered successful projects for PEPSI KazandıRio, TOGG (Global Project & Team members), Heineken (Global Project & Team) and Ray Insurance Company (Domestic).
- Known for bridging technical depth with strategic business thinking.
- Full-stack expert with 13+ years in **ASP .NET Core, React, Angular** enterprise applications, combining backend scalability (**Microservices, Azure, AWS**) with polished frontends (**React, Angular, Typescript, modular JavaScript**). Passionate about transforming complex data into intuitive UIs for energy/trading sectors.

## Professional Experience

### ADESSO Turkey, Istanbul/TURKEY

*.NET Architect*

06/2022 – 09/2025

Spearheaded the design and implementation of the PEPSI KazandıRio loyalty program, achieving a user satisfaction score of 4.8/5 based on post-interaction surveys with 12 million+ users on the platform.

Championed the migration of a legacy configuration management system to a .NET Core platform, reducing system latency by 15% and improving processing speeds from 200ms to 50ms. I sharing to strong analytical and problem-solving skills with my team. We have daily stand-up meetings and we have knowledge of scrum and agile principles.

Designed high-throughput APIs for PEPSI KazandıRio (12M+ users), optimizing data caching with Redis and reducing latency by 40%.

Led full-stack development for **PEPSI KazandıRio** (4.5M+ users) using React + .NET Core, achieving 4.8/5 user satisfaction for UI/UX.

#### Tech Stack

C#, Linq, N-tier architecture, Clean architecture, Azure Cloud Services, Kubernetes, Lens, .NET Core, React, TypeScript, RxJS, Angular, OOP, TDD, CQRS, Mediator, Microservices, Event-Sourcing, RESTful API development, Ocelot, Design patterns. SQL, MongoDB, Hangfire, Redis, Git, Git Flow., Unit-Tests, xUnit, NUnit, Mock-frameworks, CI/CD pipelines, Docker, Kubernetes, and cloud platforms (Azure, GCP)

### Innovile, Barcelona/SPAIN

*.NET Team Lead*

02/2021 – 06/2022

I have responsibility for developing the most suitable solution for the needs of target customers in the field of "Innovile CM (Configuration Management System)". Led backend development for telecom configuration management systems, leveraging Oracle PL/SQL and PostgreSQL to handle 50K+ daily transactions.

Our mostly important customers are **Megafon and Vodafone Global Corp.**. Guided a team of five junior engineers in adopting Agile methodologies with two-week sprints, resulting in a 30% increase in project completion rate and improved team satisfaction scores.

Directed a **distributed team** in building a telecom CMS with **React frontends** and .NET Core APIs, improving cross-team collaboration via **2-week sprints**.

#### Tech Stack

.NET Core, C#, React, Angular, Linq, N-tier architecture, Clean architecture, .NET Core, OOP, TDD, Microservices, Design patterns. Oracle PL/SQL, PostgreSQL, Elasticsearch, RabbitMQ, Git, Git Flow., Redis, Unit-Tests, xUnit, NUnit, Mock-frameworks, CI/CD pipelines, Docker, Kubernetes, and cloud platforms (Azure, GCP)

### Medyasoft, Ankara/TURKEY

*Senior .NET Developer*

08/2018 – 02/2021

I'm developing web application for Republic Turkey of the Ministry of Health. And also, I giving to consultancy service some software companies for support.

- UETS (Expertise Training Tracking System.), **Ministry Of Health (Turkey)** Project.

- Kolin Constructor Corp. “Human Resource Management System” - .Net Core Saas Project.
- .Net Core Software RESTful API development, Consultancy for HMS (Hospital Management Systems), **Teknoritma Corp.**
- Asp .Net MVC and .Net Core Software Consultancy for CRM/ERP, **Vega Software Corp.**
- I have implemented all necessary FI and SD adaptation tools, ABAP applications and integration studies on SAP and Logo for 3 years. SAP Projects are mainly projects for **Aytemiz-Lukoil, Shell, Socar.** (WPF, WCF, WebAPI and .Net MVC)
- I developed mobile app. with Expo IO (React platform) and connected with .Net Web API With this app. and that you can question whether there is gluten in products, **Loyal Trade Tech.**
- Delivered responsive UIs with Angular/React for Ministry of Health systems, focusing on data visualization and real-time updates.

### **Cobix Software R&D Technologies Ltd., Ankara/TURKEY**

**Project Manager & Director**

**12/2016 - 09/2018**

Led architecture and delivery of enterprise software solutions across CRM, ERP, and healthcare domains. Worked directly with clients in both the public and private sectors, including education institutions, municipalities, and medical centers. Directed full product lifecycles, from requirements gathering to deployment and support, while managing distributed development teams.

#### **Key Achievements**

- Architected and delivered TED CRM, used by thousands of users in the Turkish Education Association for managing donor and student relations.
- Orchestrated the launch of the Cobix IVF System, validated by Turkey's Ministry of Health; system's implementation in national IVF clinics improved data collection accuracy by 25%.
- Designed EMO ERP for the Chamber of Electrical and Electronics Engineers, combining WPF, MVC, and WCF technologies.
- Built Port ERP for the Cyprus Port Authority, a full-featured logistics and documentation platform. Data Lake Configurations with PostgreSQL, MySQL, MongoDB.
- Provided consultancy and development for HMS (Hospital Management Systems) using .NET Core and WPF.

#### **Client Highlights**

Eskihisar Group, Turkish Education Association (TED), EMO, IVF Clinics, Cyprus Port Authority, Municipalities (North Cyprus), Shell, Socar, Aytemiz.

#### **Legacy Project Highlights (2009–2016)**

Delivered over 25 custom .NET applications across sectors such as fuel automation, local government, healthcare, and retail in Turkey and North Cyprus. Tech stack included WPF, WinForms, ASP.NET MVC, Silverlight, and ABAP/SAP integration. Portfolio available at: [aykutaktas.net](http://aykutaktas.net)

### **Miron Software Corp., Ankara/TURKEY**

**.NET Developer**

**04/2014 - 12/2016**

Led a small development team and worked hands-on in building petroleum automation SaaS platforms and custom ERP/CRM systems for major energy companies including Shell, Socar, Aytemiz, and Lukoil.

Built SAP-integrated FI/SD modules for Shell/Socar, including real-time data dashboards (WPF) for trading analytics.

### Key Contributions

- Designed and developed the Petroleum Automation Management System, integrating with ERP platforms using .NET (WPF, MVC, WebAPI).
- Delivered full-stack solutions for CRM and ERP products tailored for fuel industry workflows, both in web and desktop environments.
- Built and deployed SAP-integrated modules across FI, SD, MM, and PM using ABAP and SAP BusinessObjects.
- Built SAP-integrated FI/SD modules for Shell/Socar, including real-time data dashboards (WPF) for trading analytics.
- Developed BI dashboards and mobile-compatible reports using SAP BO Design Studio and Web Intelligence.

### Tech Stack:

.NET (WPF, MVC, WebAPI), Entity Framework, WCF, SQL Server, Oracle, SQL Server, PostgreSQL, SAP ABAP, SAP BW, SAP BO, SOAP/XML, WinForms, WPF, Excel Add-ins (mention "WinForms" experience as adjacent to Excel VSTO).

### Teknoritma Software Corp., Ankara/TURKEY

*.NET Developer*

03/2013-03/2014

Contributed to the development and support of hospital medical modules (HMS) across multiple hospitals in Turkey. Focused on real-time data integration, medical system interfaces, and internal barcode tracking applications.

### Key Contributions

- Developed and maintained modules for the Sarus/SarusPlus HMS, including Drug Tracking and Surgery Operations.
- Enabled WebSocket-based real-time communication between hospital systems and browser interfaces without Python dependencies.
- Integrated radiology systems (RIS/PACS) with HMS solutions; product deployed in 31+ hospitals.
- Delivered barcode-based applications for hospital inventory and medication management in major government hospitals across Istanbul and Ankara.

### Tech Stack:

C#, C++, WPF, WCF, WinForms, ASP.NET MVC, WebSockets, HTML5, Sencha ExtJS, MS SQL, Silverlight, AngularJS, ReactJS, NodeJS, SOAP/XML.

### ExtremePacs Corp., Ankara/TURKEY

*.NET Developer*

09/2009-03/2013

Web (ASP.NET MVC & Silverlight) and Desktop (WPF, Win Form app.) product .NET development, studies on PACS (Picture Archiving and Communication Systems) and RIS (Radiological information system) systems.

- I developed PACS Systems and RIS Systems. ***And 31 hospital using this medical software product in Turkey.*** We achieved success product development prizes.
- XDS – KOSGEB, RIS ve PACS software development specialist to on this projects.
- Software development expertise on the voice order system project, The application was developed on WPF and Windows Phone application. ***(A similar application of this plant was made by PHILIPS dictation systems.)***

- RIS (Radiology Information System) software development specialist. (WPF, WCF, WinForm, Silverlight, Asp.NET MVC.)
- I am developed applications in Visual studio environment using video programming, audio, text transfer processing knowledge which is experienced with video conferencing and made with socket programming.

**GlobalNET Internet Tech. Corp., Ankara/TURKEY**

*.NET Developer*

**03/2009-09/2009**

Web and software development academic internship training (30 days). And then, I worked 5 months on the remote work with this company.

- Software development specialist within the AVANTO Web project with *Nokia Siemens Network* in .NET Web Projects. "Avanto Web Based Telecom App. Project"

## Skill Set

### Software Development

WebAPI, Microservices, CQRS, GraphQL/gRPC, Microsoft Visual Studio (.Net Core, Winforms App., Windows Phone, Surface, Web Api, MVC, MVVM, WPF, WCF, Silverlight, Surface, Win. Store App., Win. Phone, C# Form App. C++, Windows Services App.) WPF, Excel Add-ins (mention "WinForms" experience as adjacent to Excel VSTO), Scrum, Azure DevOps, GitHub Actions.

**Kafka/Rx:** Event-Driven Architectures, Event-Sourcing.

### Mobile Development

I developed some products towards m-commerce, ERP and CRM applications. As technologies like IoT and decentralized platforms are entering into the mobile payments and powering the mobile apps with more secured transaction options. Platforms: Expo / Flutter / Xamarin.

### Web Development Applications

Angular, React, Asp .Net, Asp .Net MVC, Asp .Net Core, Php, Silverlight, AngularJS, ReactJS, NodeJS, MeteorJS, Joomla, JavaScript (ES6+), DOM manipulation, JQuery, Ajax, Soap-Xml, Web-Sockets, Html/D-Html/Html-5/Css.

### Database Management Systems

SQL Languages (PostgreSQL, MySQL, MSSQL, SQL Expresses), Oracle, Mongo DB, XML-database, DB2-Express, Language - Integrated Query (LINQ to XML, LINQ to SQL, Entity Framework), Redis (caching), ElasticSearch.

### Graphic Design Tools

Adobe Photoshop CS series, Photo Filtre (free image editor).

### Business Process and Analysis Applications

Business Model Canvas, Business Plan TAM-SAM-SOM, Scrum, Redmine, Easy Redmine, Atlassian Jira, Tortoise SVN, GitHub, BitBucket, Asana, Trello, Microsoft Teams, Microsoft SharePoint, TFS (Team Foundation Server), Microsoft Project Dynamics.

### Testing and Unit Testing

- + Experience with unit testing frameworks such as NUnit, xUnit, and MSTest for .NET applications.
- + Proficient in writing automated tests to ensure code quality and reduce bugs in development.
- + Familiar with test-driven development (TDD) and behavior-driven development (BDD) practices.
- + Utilization of continuous integration/continuous deployment (CI/CD) pipelines to integrate testing in the development workflow.

## Education

3.20, Graduation Year (2005-2010)

**BCA** : Cyprus International University Engineering Faculty / Information Systems Engineer (%100 English), Lefkoşa/Cyprus.

3.10, Graduation Year (2000-2005)

İzmir High School (%50 English, %50 Turkish), İzmir/Turkey.

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## Certificates

I published the all my certificates in my website and you can see to here : <https://www.aykutaktas.net/#resume>  
Also, please check to review this section or if need and i can sent via e-mail.

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## Testimonials

- 1) **Turkish Education Association, Ankara/TURKEY**
- 2) **Miron Software Corp., Ankara/TURKEY**
- 3) **Vega Software Corp., Ankara/TURKEY**
- 4) **Innovile, Barcelona/SPAIN**

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## References

Ömer Bal - **Miron Software**, *Product Specialist* - 0535 978 43 13  
Yalçın Karaç - **Teknoritma Corp.**, *Business Analyst* - 0505 869 86 41  
Uğur Dökmeçi - **Cobix Yazılım**, *Software Specialist* - 0532 383 39 44  
Efsun Güven - **Adeo**, *HR Specialist* - 0553 286 30 26  
Mehmet Yüksel Polat - **Medyasoft Corp.**, *Software Specialist* - 0505 927 03 03  
Yasin Şahin - **Medyasoft Corp.**, *Product Manager* - 0532 569 63 30  
Cemal Can Aydın - **Medyasoft Corp.**, *Business Analyst* - 0544 896 59 83  
Murat Aydoğan - **Turkish Education Association**, *IT Manager* - 0532 251 42 81  
Burak Yıkılmaz - **Vega Software Corp.**, *Product Manager* - 0533 515 18 14