

EMRULLAH AKKUŞ

Software Development Specialist

CONTACT INFORMATION

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PROFESSIONAL SUMMARY

I am a Software Development Specialist focused on building corporate desktop accounting and e-transformation applications. I develop high-performance, scalable, and maintainable software solutions using .NET, C#, SQL Server, and Entity Framework. I prioritize Clean Code principles, problem-solving, and continuous professional growth.

WORK EXPERIENCE

Zirve Yazılım (Ankara) - Software Development Specialist 09/2023 – Present

- Developed and maintained desktop accounting and e-transformation software solutions
- Built scalable and sustainable systems using layered architecture
- Optimized SQL Server queries and improved data access performance
- Improved code quality through refactoring, technical debt reduction, and coding standards
- Contributed to team collaboration, code review processes, and enterprise software development practices
- Technologies Used:**
C#, .NET, WinForms, SQL Server, Entity Framework, Dapper, T-SQL, Layered Architecture, Git, DevExpress

Elasoft Yazılım (Trabzon) - Software Intern 07/2023 – 08/2023

- Developed applications using ASP.NET Core MVC, Entity Framework, and SQL Server
- Worked on CRUD operations, data access layers, and backend processes
- Applied Clean Code principles to improve readability and maintainability
- Technologies Used:**
ASP.NET Core, C#, Entity Framework, SQL Server, REST API, HTML, CSS, JavaScript, Git

Özaltın Holding (Ankara) - Software Intern 07/2022 – 12/2022

- Contributed to enterprise application development using C#, MSSQL, and PL/SQL
- Performed analysis and development on ERP-integrated systems
- Designed and implemented software solutions aligned with business processes
- Kullanılan Teknolojiler:**
C#, MSSQL, PL/SQL, ERP Integrations, Windows Applications, SQL Optimization

EDUCATION

- Karadeniz Technical University, Trabzon
Bachelor's Degree — Software Engineering (2019 – 2023)

CERTIFICATIONS

- Full Stack Web Development Bootcamp — Yobodobo (09/2025)
- ASP.NET Core + SignalR (.NET 8) — Udemy (08/2025)
- Building RESTful APIs with ASP.NET Core 8 — Udemy (12/2024)
- Git & GitHub Training — Techcareer (08/2024)

TECHNICAL SKILLS

- Programming & Web Technologies
C#, JavaScript, HTML5, CSS3, React
- Backend, APIs & Authentication
.NET Core, ASP.NET Core, ASP.NET MVC, Web API, Entity Framework Core, RESTful API, SignalR, JWT Authentication, Refresh Token
- Databases & Data Access
Microsoft SQL Server, SQLite, PL/SQL, T-SQL, Dapper, LINQ, Stored Procedures, Query Optimization
- Architecture & Software Practices
Layered Architecture, Clean Architecture, Repository Pattern, Service Pattern, DTO, SOLID Principles, Clean Code, Refactoring, Dependency Injection
- Tools & UI Technologies
DevExpress (WinForms), Git, GitHub, Bitbucket, Visual Studio, VS Code, Postman, Swagger, Serilog

PROJECTS

- **Training Catalog Platform (2025)**
 - **Technologies:** .NET 9, Web API, EF Core, React, JWT
 - Developed a scalable RESTful API for managing training content
 - Implemented CRUD operations, filtering, pagination, and role-based authorization
 - Integrated JWT-based authentication and authorization
 - Applied EF Core performance optimizations and clean architecture principles
 - **Source Code:** github.com/akkusemrullah/training-catalog-ui
- **Real-Time Auction Application (2024)**
 - **Technologies:** .NET Core, SignalR, JWT
 - Built a real-time bidding system with live updates using SignalR
 - Implemented concurrent user management and event-driven architecture
 - Developed secure JWT-based authentication and session management
 - **Source Code:** github.com/akkusemrullah/AcikArtirma
- **AR Museum Application (2023)**
 - **Technologies:** Android, Augmented Reality (AR), Image Processing
 - Developed an AR-based artifact recognition module
 - Integrated camera-based object detection and image processing
 - Designed an interactive UI providing dynamic artifact information

LANGUAGES

- Turkish — Native
- English — A2 (Basic Level)