

HÜSEYİN ENES İPEK

Software Developer

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Afyonkarahisar, Turkey

EDUCATION

Kocaeli University

Bachelor of Science in Computer Engineering | GPA: 3.14/4.00

Sep 2023 – Expected Jun 2027

Kocaeli, Turkey

SKILLS

Languages: C#, C

Frameworks & Tech: Windows Form, ASP.NET Core Web API, ASP.NET Core MVC

Architecture & Patterns: Microservices, Event-Driven, Clean Architecture, Saga, N-Tier

Tools & Platforms: Visual Studio, Github, MongoDB, SQL Git, Swagger

PROJECTS

Microservices Architecture Project | .NET 10, Angular 18, Ocelot, SQL Server

- Architected a scalable microservices backend using .NET 10 and Clean Architecture, establishing Ocelot as an API Gateway to centralize and route client requests efficiently.
- Coordinated complex business workflows and inter-service communication via the Orchestrator pattern, utilizing Refit for type-safe RESTful API integrations.
- Managed persistent data storage with Entity Framework Core and SQL Server, applying AutoMapper for efficient object-to-object mapping.

Urban News Monitoring System | .NET 10, Microservices, ML.NET, RabbitMQ, MongoDB

- Architected an event-driven microservices ecosystem using .NET 10, MassTransit, and RabbitMQ to orchestrate real-time scraping and processing of regional news data across distributed services.
- Developed a hybrid NLP classification pipeline using ML.NET 3.0 (TF-IDF + SdcaMaximumEntropy) combined with a keyword fallback mechanism, enabling automated categorization of urban incidents with high confidence scores.
- Engineered a 3-layered duplicate prevention system utilizing URL normalization and Cosine Similarity algorithms (Title & Content) to ensure data integrity and consolidate multi-source reports in MongoDB..

Social Library Platform | ASP.NET Web API, React, N-Tier Architecture

- Developed a comprehensive full-stack application, integrating an ASP.NET Web API backend with a responsive React frontend.
- Structured the backend using N-Tier architecture to enforce separation of concerns, ensuring clean code and facilitating future maintenance.
- Enhanced application security by implementing robust authentication mechanisms and encrypting sensitive user data via cryptographic hashing algorithms.

EXPERIENCE

Albaraka

Jun 2025 – Sep 2025

Online Intern (Klavuz Career Program)

Remote

- Researched and analyzed various emerging Fintech startups to understand market trends and technological opportunities.
- Completed comprehensive professional training modules including Career Planning and Presentation Techniques.

CERTIFICATIONS

ASP.NET Core MVC (BTK Academy, Sep 2025) • English B1 (Kocaeli Municipality, Apr 2024)