



Furkan Bektaş *Software Engineer*

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Education

Kocaeli University, Computer Engineering 2019 – 2024
Samsun Çarşamba Science High School 2014 – 2018

Professional Experience

Paranomi Ödeme Hizmetleri A.Ş., Software Engineer 04/2025 – Present
- Built a scalable N-Tier system with .NET Core, based on Clean Architecture & SOLID principles.
- Interactive, user-friendly interfaces were built with Vanilla JS and HTML/CSS.
- Integrated a payment gateway for secure transactions, processed large-scale data from 3rd-party APIs, and enhanced functionality with Google APIs.

MFATECH Yazılım ve Danışmanlık A.Ş., Software Engineer 11/2024 – 04/2025
- A backend suitable for microservice architecture was developed using .Net.
- Backend applications were developed using Python and Flask.
- Continuous Integration/Continuous Delivery processes were managed.

Riskaktif Danışmanlık A.Ş., Software Engineer Intern 05/2023 – 08/2023
- Full-stack applications were developed using Java and Spring Boot.
- Developed dynamic and user interactive interfaces with React.
- Managed CI/CD automation processes using GitHub Actions.

DMR Bilgi Teknolojileri A.Ş., Software Engineer Intern 11/2022 – 04/2023
- Gained practical experience in web programming with C# and .Net.
- Database management and modeling using MSSQL.

Projects

AI-Powered Personal Assistant, .NET 8, Clean Architecture, OpenAI API, Hangfire, JWT 🌐
- Architected the solution with Clean Architecture & CQRS for high scalability and maintainability.
- Integrated OpenAI API for Natural Language Processing (NLP) to parse free-text user commands.
- Implemented secure authentication/authorization with ASP.NET Core Identity & JWT.
- Utilized Hangfire to process background jobs for user notifications and timed reminders.
- Integrated Google Calendar API via OAuth 2.0 for automatic task synchronization.

Real Time Chat Project, .Net, ASP.NET Core, SignalR, RabbitMQ, JavaScript 🌐
- RESTful APIs and real-time communication infrastructure were created using .Net and ASP.NET Core.
- Instant messaging and message queuing system was integrated with SignalR and RabbitMQ.

Forum Project, Java, Spring Boot, JWT, Hibernate, Lombok, Maven 🌐
- Created RESTful APIs using Spring Boot and integrated JWT authentication system.
- Defined and managed data models with Spring Data JPA and H2 database.
- The interface was built with HTML, CSS, and JavaScript, with backend integration via Fetch API.

Languages

Turkish Native
English B1

Skills

Programming Languages: C#, Java, JavaScript, Python
Backend: .NET Core, ASP.NET Core, Node.js, RESTful API, MVC, WebSocket, RabbitMQ
Frontend: React, JavaScript, jQuery, HTML, CSS
Databases & Tools: MSSQL, PostgreSQL, MySQL, Docker, Git, Elasticsearch