

# Fatih Serhat Turan

## Fullstack Developer

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### Professional Experience

#### Dogus Teknoloji

2024 – Present

##### Software Developer

- Developed scalable web applications using .NET Core, C# with Clean Architecture, Onion Architecture, and design patterns
- Built dynamic interfaces with Vue3 and optimized data management using MSSQL and MongoDB
- Achieved 2nd place in internal generative AI competition with smart document automation tool
- Developed AI-powered business analyst tool using Vue.js, FastAPI, and LangChain with Google's Gemini AI, winning 3rd place in Doğuş Technology hackathon
- Integrated Azure OpenAI models into business management system for Doğuş İnşaat, enabling AI-powered process automation
- Applied Agile Scrum methodologies in full-stack development and AI/ML product development

#### Kocaeli University Computer Research and Application Center

2022 – 2024

##### Research and Development Intern

- Developed corporate web application utilizing MSSQL and MongoDB with Clean Architecture and SOLID principles
- Designed and developed Marmarakaf reservation system with efficient booking management and seamless user experience

### Technical Skills

**Languages** C#, Java, JavaScript, TypeScript, T-SQL, HTML/CSS

**Frameworks** .NET Core, Vue.js, Node.js, FastAPI

**Databases** MSSQL, MongoDB, Redis, Elasticsearch

**DevOps** Docker, Kubernetes, RabbitMQ, Azure DevOps

**Cloud** AWS Bedrock, Firebase, Google Cloud, Azure OpenAI

**AI/ML** OpenAI Models, LangChain, Google Gemini AI

**Testing** XUnit, NUnit, Moq, FluentAssertions, Mocha

**Architecture** Microservices, Clean Architecture, Onion Architecture, SOLID, DDD

### Education

#### Kocaeli University

2021 – 2025

##### Bachelor of Science in Computer Engineering

#### Senior Capstone Project

- Developed containerized data management system with Onion Architecture connecting independent APIs with distributed databases
- Implemented Elasticsearch for efficient full-text search and optimized data retrieval across distributed system architecture

#### Kocaeli University Embedded Systems Laboratory

2021 – 2023

##### Software Developer Volunteer

- Contributed to volunteer software projects for Kocaeli University Hospital, improving patient care coordination and clinical workflow efficiency

### Key Achievements

- 2nd Place - Internal Generative AI Competition at Dogus Teknoloji (Smart Document Tool)
- 3rd Place - Doğuş Technology Hackathon (AI-Powered Business Analyst Tool)
- Successfully integrated AI/ML solutions into enterprise business management systems

### Links

LinkedIn: [linkedin.com/in/fatih-serhat-turan-4b3bb1146](https://www.linkedin.com/in/fatih-serhat-turan-4b3bb1146)

GitHub: [github.com/fatihserhatturan](https://github.com/fatihserhatturan)

Medium: [medium.com/@fatihserhatturan](https://medium.com/@fatihserhatturan)

Portfolio: [fatihserhatturan.vercel.app](https://fatihserhatturan.vercel.app)