



Eylem Seyhan

Computer Engineer

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Education

Trakya University 2021 – 2025
Computer Engineering

Professional Experience

PND Technology 07/2026 – now
Fullstack Developer
SaaS development with **.NET/C#** (CQRS, EF Core, multi-tenant architecture), **gRPC/RPC** interservice communication, React, UI with Three.js, **Keycloak OAuth2** integration, and NuGet package versioning.

Senswise 09/2025 – 05/2026
Backend Developer
I applying CQRS and Event-Driven Architecture principles to manage asynchronous workflow. I build and maintain background jobs for scheduled tasks. I monitor **RabbitMQ** queues to identify message processing issues, analyze stuck or failed messages, and support system stability through log tracking in **Elasticsearch**.

DDI Technology 04/2025 – 06/2025
Software Developer
Developed unit&entegration tests for **NLua** integrated .NET modules and created internal documentation to support onboarding and usage.

Trakya University 03/2025 – 04/2025
Assistant
Student Affairs Department

Enerjisa Uretim 08/2024 – 09/2024
Intern
Istanbul
Implemented authentication and CRUD operations using .NET Core.

DSI - General Directorate of State Hydraulic Works 07/2024 – 08/2024
Intern
Edirne
I worked with **.NET** to develop CRUD operations.

Abdi Business Technologies 03/2024 – 06/2024
Long Term AI Intern
Built an AI-powered Q&A system using **LangChain** and **OpenAI** to extract answers from PDF documents with vector indexing and prompt engineering.

Skills

.NET Core | C# | React | Langchain | PostgreSQL | Git | Postman | RabbitMQ | Elasticsearch

Languages

English
Upper-intermediate

Projects

Eventura 🔗
• Built an event management platform enabling event discovery by city and category
• Implemented ticket purchase system with automatic QR code generation
• Developed an admin panel for backend event control and data management
• Used .NET Core (backend), Bootstrap/jQuery (frontend), PostgreSQL (hosted on Aiven)

Advanced Text Summarizer

Developed an AI-powered text summarization web application using Python, Streamlit, Sentence Transformers (BERT), NLTK, scikit-learn (TF-IDF), Plotly, Pandas, and NetworkX, supporting Turkish and English text analysis and summarization.

Taskify

- Built a task management application using React and Firebase (Firestore, Auth)
- Implemented features for task creation, editing, user assignment, and deadline management
- Integrated real-time updates
- Designed dynamic calendar view and subtask tracking

Power Plant App

- Developed a power plant data management system using .NET Core, EF (Code First), and SQL Server
- Implemented role-based access control, allowing only admins to perform sensitive operations

E-Registration System for DSI Sports Club

- Created an online student registration system using .NET MVC, SQL Server, and Bootstrap
- Used AJAX to enable dynamic updates of course lists based on selected sport branches
- Supported real-time admin-side course tracking and registration monitoring

Courses	
Yarinlar Seninle Mumkun Program Trainee	11/2023 – 03/2024
Yetkin Gencler Trainee	09/2022 – 12/2022

Organizations	
Ders Ortagim Project Volunteer	2022 – 2023
I supported visually impaired students by vocalizing test books.	
Muhendislik & Proje Community Board Member	12/2022 – 06/2025
I was a member of Research and Development Board.	

References	
Burcu ALSAN, Co-Founder, Senswise	
Ozbek YELIN, Manager, Enerjisa Uretim	
Cem TASKİN, Academician, Trakya University	
Deniz Mertkan GEZGIN, Associate Professor, Trakya University	