

# Berfin Tek

## Software Developer

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### EDUCATION

Computer Engineering, Aydın Adnan Menderes University 2018 - 2023  
Management Information Systems, Anadolu University 2019 – Present

**Computer Skills:** C#, .NET Core, RESTful API, MSSQL, PostgreSQL, Docker, RabbitMQ, Git, AzureDevOps, Blazor, Agile, Jira, Scrum, .Net ABP Framework

**Languages:** English (B1)

### EXPERIENCE

**Jotform - Data Scientist Intern**  
08/2023 - 09/2023 | Ankara, Turkey

- **Technologies:** Python, Flask, Numpy & Pandas, Isolation Forest Algorithm, Local Outlier Factor Algorithm, Prophet Algorithm, HoloViews
- Analyzed anomaly points using Isolation Forest, Local Outlier Factor, and Prophet algorithms. Crafted graphs for each algorithm using the HoloViews library
- Architected a dynamic frontend application leveraging Flask, HTML, and CSS
- Enhanced project demonstrations and graphic visualization
- Resulted in a 30% increase in user interaction and a 20% improvement in data comprehension

**TurkNet Communication - Data Scientist Intern**  
08/2021 - 09/2021 | İstanbul, Turkey

- **Technologies:** Python, Numpy & Pandas, Tableau
- Cleansed and restructured raw data files for accurate reporting. Reduced data processing time by 40%. Increased reporting efficiency by 50% using Tableau.

### ORGANIZATION:

**Pusula Kurumsal İş Çözümleri - Talent Academy FullStack - Student**  
10/2024 - 12/2024 - Final project is private

- **Technologies:** C#, ASP:Net, Abp Framework, Blazor syncfusion, PostgreSQL, Jira, Azure DevOps, Docker, RabbitMQ, Scrum, Agile
- Used .Net Abp Framework to develop the hospital application.
- Used AzureDevOps and Jira for the project workflow. Used Agile and Scrum methodologies .
- Used PostgreSQL for database systems.
- Created Hospital Systems such as appointment system. Used Blazor Syncfusion components for UI.

**Fimble .Net Bootcamp - Student**  
11/2023 - 01/2024 - [Final Project](#)

- **Technologies:** C#, .NET Core, MsSql, Entity Framework, RESTful API, FleuntValidation, AutoMapper, Dependency Injection, Unit Test
- Revived the Web API using .NET Core.
- Utilized MsSql for database management.
- Incorporated Object-Oriented Programming (OOP) principles in design and development.
- Developed Unit Tests and Integration Tests to ensure code reliability and quality.
- Implemented Token Authentication as one of the authentication standards.

## PROJECTS

**CRM - .Net Core**  
05/2024 - Present – [Code](#)

- **Technologies:** .Net Core 7, RESTful API, AutoMapper, Dependency Injection, CQRS, PostgreSQL, RabbitMQ, MediatR, JWT Token
- Developed a CRM (Customer Relationship Management) process.
- Created the project architecture using Onion Architecture.
- Performed message querying with RabbitMQ.
- Utilized PostgreSQL for data storage.
- Implemented Token Authentication as one of the authentication standards.

**Ekşi Sözlük Clone - .Net Core**  
03/2024 - 07/2024 – [Code](#)

- **Technologies:** .Net Core 7, RESTful API, AutoMapper, Dependency Injection, CQRS, PostgreSQL, RabbitMQ, MediatR, JWT Token, Docker, Dapper, Blazor
- Developed a clone of the Ekşi Sözlük site.
- Created the project architecture using Onion Architecture.
- Message query was performed with RabbitMQ and containerized with Docker.
- Utilized PostgreSQL for data storage.
- Implemented Token Authentication as one of the authentication standards.
- Blazor was used for the interface.

**Data Analysis with Hadoop Tools Graduation Project - Python**  
10/2022 - 07/2023 - [Thesis](#)

- **Technologies:** Apache Hadoop, Apache Pig, Apache Spark, Apache Hive, Apache Sqoop, Apache HBase, Apache Flume, RabbitMQ
- Conducted a data analysis project using Hadoop and associated data analysis tools.
- Utilized a Linux-based virtual machine for project implementation.