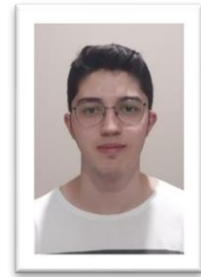# GÖKHAN ÜSTÜNYER

Software Engineering
GPA: 3.53

PROFILE

I have been dealing with backend development and data for about two years. I have completed various works on a freelance and company basis using .NET technologies and various javascript frameworks (Node.js, Angular, React etc.). During this time, I created queries with various relational and non-relational databases, depending on the project.

EXPERIENCE

- **BiSU** Uskudar, Istanbul
  Full Stack Developer (Since April 2024), To continue the development of various backend and frontend services to carry out the application and the operations carried out in the background. To ensure the development of the system with API integrations. Fixing bugs in the services used in the operation. Creating and developing frontend environments suitable for the developed services.
  Technologies used: Node.js, NestJS, React, AngularJS, MySQL, PostgreSQL, MongoDB, Redis, AWS Lambda, AWS Batch, AWS CloudWatch, AWS EventBridge

  Intern Data Engineer (November 2023 – February 2024), running long queries on sql based systems and creating code blocks that automate data reports on AWS batch. Ensuring that data is manipulated via SQL and visualized dynamically with technologies such as AWS Quicksight
  Technologies used: MySQL, PostgreSQL, MongoDB, Python, Pandas, AWS Quicksight, AWS Batch, AWS CloudWatch, AWS EventBridge

- **Seven 7 Group** (June 2023 – October 2023) Berlin, Germany
  Full Stack Developer, As a Full Stack Developer, I was creating Web APIs and Services for http://bespoketailor.de/, an initiative of the Company, and was responsible for creating the Clients to consume them. I worked remotely throughout the process .
  Technologies used: ASP.NET CORE WEB API, Javascript, Ajax, Angular, HTML, CSS, EF Core, ADO.NET

- **Rella Dijital Ajans** (January 2023 – March 2023) Kadıkoy, İstanbul
  Software Developer, As a Software Developer, I was working on the websites and services of the organizations that the Company had agreements with.
  Technologies Used: ASP.NET CORE MVC, ASP.NET, HTML, CSS, Javascript, Ajax, Entity Framework Core, ADO.NET

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Istanbul, Turkey

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https://github.com/gokhanustunyer

https://www.kaggle.com/gokhanust

Bachelor Degree:
Istinye University (2021-2025)
Software Engingeering (Full scholarship)
GPA: 3.53

Turkish, English

SKILLS

- ASP.NET Core (MVC/Web API)
- Design Patterns, Principles
- Entity Framework Core
- Node.js
- Javascript, Typescript, Angular
- Python, Machine Learning
- Data Manipulation (Pandas, Numpy)

- OOP
- .NET, C#
- C, C++
- HTML, CSS
- Data Structure and Algorithms
- SQL, NoSQL (MySQL, MsSQL, MongoDB, Redis, Firebase)
- Data Visualisation (Matplotlib, Seaborn)

WEB PROJECTS

E-Commerce Web App:
A detailed e commerce website project which builted with such as ASP.NET Core MVC Technologies.
The project is able to access from github repository https://github.com/gokhanustunyer/asp.net.core.mvc.e-commerce

Project achitecture and techs: ASP.NET Core MVC, N-Tier Architecture, JavaScript, HTML, CSS, AJAX, CQRS Pattern, Generic Repository, Entity Framework Core (Main dB operations with MySQL), ADO.NET (World Cities dB operations with MsSQL), ASP.NET Identity, External Authentication (Facebook, Google), Azure integration for storage, Local storage structure, Mail Senders, Auto Mapper, Iyzico Integration for payment, Built-in IoC Container

Pages and Fuctionality:
Authentication and Authorization: Registration, internal-external login, Email Confirmation, Forgot-Reset Password, Change Email, Role Control System
User: Address CRUD, Cart, Cart Item, Orders, Payments, Product comment (if user already bought), Favorite system (local storage)
Product list page: filter system from URL (Get method), n-ary Category Tree structure, product sort by date and price
Product Details page: product details, similar products, last visited products
Admin: product CRUD, category CRUD, product filter CRUD, role CRUD (This link authorized for super admin), Shipping Company CRUD, Campaign CRUD (able to specify for a category or product or bundle), Product Comment and Rates CRUD, Discount Code CRUD (able to specify for a category or product or bundle), User foot print log system, Mail Sender and ui form listing page, Orders CRUD, Statics CRUD, Customer Segmentation from CSV or Excel

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3D Suit Configurator E-Commerce Web App
A detailed 3D suit configurator e commerce website. You can design your own suit and you can order the suit. Project was built by such as ASP.NET Core WEB API, AngularJS technologies.

Project achitecture and techs: ASP.NET Core WEB API, HTML, CSS, Javascript, AngularJS, Typescript, RESTful API, Onion Architecture, CQRS Pattern, ASP.NET Identity, Entity Framework Core, ADO.NET, Angular Guard Structure, Local Storage Structure, Mail System, Stripe Integration for payments, Auto Mapper, Built-in IoC Container, Role control system by Client and API URLs
You can find ui Pages on: https://bespoketailor.de

Advertising Web App:
A detailed advertising website project which builted with such as ASP.NET Core MVC technologies,
The project is able to access from github repository https://github.com/gokhanustunyer/advertising.website

Project achitecture and techs: ASP.NET Core MVC, N-Tier Architecture, JavaScript, HTML, CSS, AJAX, Generic Repository, Entity Framework Core (Main dB operations with MySQL), ADO.NET, ASP.NET Identity, Local storage structure, Mail Senders, Auto Mapper, Built-in IoC Container

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ML – DL PROJECTS

Detection of Potato Disease
A model that I used to classify the disease by processing the image data set containing potato diseases with an artificial neural network.
Technologies: CNN, Data Augmantetion, Image to data, Pandas, Numpy, Data Preprocessing, Seaborn
https://github.com/gokhanustunyer/patato-disease/tree/main

Detection of Fake News
Detecting fake news from text data. The text data was tokenized and a model was created by training it with tagged data to predict whether the given news was fake or not.
Technologies: CNN, Tokenization, Bert, Pandas, Numpy, Data Preprocessing, Seaborn
https://github.com/gokhanustunyer/fake-news-detection

Used Laptop Price Prediction
A model that predicts the prices of second-hand laptops based on their features using tree-based algorithms.
Technologies: XGBoost, Pandas, Numpy, Data Preprocessing, Seaborn
https://github.com/gokhanustunyer/used-laptop-price-prediction

CERTIFICATES

- **Full Stack Web Development**, Udemy (September 2022)
  A certificate program that includes content on both frontend and backend related to web development from start to finish.
  Content: Programming with C#, OOP, SQL Databases, ASP.NET CORE MVC, Angular

- **HTML5 Web Development**, BTK Akademi (February 2022)
  A course on HTML and CSS.
  Content: HTML, CSS

- **Python Programming**, BTK Akademi (February 2022)
  A program that enables programming via Python and explains the basics.
  Content: Python, SQL Databases

- **Machine Learning**, Turkcell Geleceği Yazanlar (April 2023)
  A program that is a combination of five courses covering Machine Learning algorithms
  Content: Regression-based algorithms, tree-based algorithms, reinforcement learning algorithms, algorithms on classification, algorithms on clustering in unsupervised data, model improvement processes.

- **Deep Learning**, Turkcell Geleceği Yazanlar (May 2023)
  A certificate program on deep learning
  Content: ANN, CNN, RNN, LSTM

- **Data Preprocessing**, Turkcell Geleceği Yazanlar (April 2023)
  A program that includes data preprocessing steps
  Content: Data standardization, missing, discrete observation analyses, variable transformations

- **Data Visualization**, Turkcell Geleceği Yazanlar (April 2023)
  A program for data visualization and graphics creation
  Content: Various chart types that can be used on data (Line chart, Scatter charts, Correlation charts)