

Malik Güzeldemirci

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Education

Istanbul Technical University

October, 2019 – August, 2024

Bachelor's degree in Computer Engineering– 3.43/4.0

Coursework

Undergraduate

- Object Oriented Programming
- Data Structures
- Database Systems
- Analysis of Algorithms

Skills

Technical Skills

- AWS: EC2, S3, EBS, CloudFront, Route 53, DynamoDB, Lambda, CloudFormation, AWS SAM CLI
- Python, Django Framework
- C, C++
- SQL, PostgreSQL
- CI/CD Tools: Github Actions

Languages

- Turkish
- English

Projects

Cloud Resume Challenge

September, 2022

- Building **serverless website** using **AWS**.
- Deploying website as AWS S3 static website, configure AWS CloudFront and origin access identity (OAI) to redirect website from HTTP to HTTPS.
- Managed custom domain name and configured Route 53 for adding CNAME record in pointing to CloudFront Distribution
- Developed a **Python code to call API Gateway** with AWS Lambda as the backend, which is to retrieve and update the view count in the DynamoDB, a **NoSQL** Database, to count how many users access the website
- Writing **infrastructure as code** for automatic upload AWS resources
- Set up **CI/CD utilizing GitHub actions** for backend and frontend to automate applying AWS resources, Python testing, YAML scripting, and updating website if any configuration change is necessary

NBA Web App

November, 2022

- Building web application about NBA history using **Flask Framework** with a team of 4 student
- Working with forms, default authentication and **PostgreSQL** database

Taskmate

January, 2023

- Building task manager web application using **Django Framework**
- Working with forms, default authentication,.env files and **PostgreSQL** database