Mustafa CAN

Al Engineer

Skills

Programming Languages

Development Frameworks

Databases

Development Tools

ΑI

Java, Js, Python, Unity

Spring Boot, React, React-Native,

Android, HMS

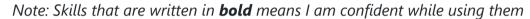
MySQL, MongoDB, SQLite, H2,

Firestore

Git, VS Code, AWS, Firebase

Documentation Preparation,
Academic Writing, Selenium, NLP,
STT, TTS, Lipsync, HuggingFace,
Google Colab, KerasTF, PyTorch,
OpenAl, Lanchain, Pinecone,
Whisper, PyAnnote, PyAudio,

ffmpeg



Projects

Picbox AI

Company IOS App

Company IOS Ap

2023

2023

2022

React-Native based IOS application for photo creation using your face as input. I have used React-Native, Firebase, Stable Diffusion, RunPod and NodeJS for this project.

Picbox Al

Meeting Al Buddy

Startup Project

A startup project where I was positioned as Co-Founder. I have builted a Google Meet bot where I have used Selenium for web scrapping and PyAudio with optimized Whisper AI for STT. I have used PyAnnote for annotation. I have used ffmpeg for audio processing and CTranslate2 for optimizing Whisper. Then I have used AWS EC2 for deployment and developed a Chrome plugin for showcasing to investors.

• Istanbul Traffic Estimation

Publication

I have gathered and combined 1 year of Istanbul traffic data with weather data, than extracted various analysis. Lastly builted an AI model for predicting future traffic congestions using LSTM, Transformer and XGBoost, then I analize them. Lastly I build the API and a mobile application in order to use these results as an application.

arXiv

• Huawei Mobile Services Unity Plugin

Open Source Company Project

to use Huawei Services on their Unity Projects. I did write documentations, new features, fixing bugs with



Birthday & Place

14 March 1997

Istanbul Fatih

Sex & Marital Status

Male, Single

Languages

Native **Turkish**IELTS C1 **English**Basic **Italian**

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Social

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https://github.com/MustafaCQN

https://medium.com/@mcqn14

https://www.hackerrank.com/mcqn14?hr_r=1

https://www.upwork.com/freelancers/~01d9662a19a742ce49



Experience

- Aksigorta | Al Engineer / Istanbul Turkey | February 2024 Present
 - Working as an Al Engineer. I am using Generational Al and new technologies in order to develop new systems or contribute to the running systems to solve problems and come up with new products in the insurance sector.
- EvenEdge | AI & Fullstack Engineer / Istanbul Turkey | November 2023 February 2024
 I have worked as a Fullstack Developer and AI Engineer for the startup.
 I was using Python for inference consumption, finetuning and model building and React-Native for mobile application development. We're developed an IOS App for photo creation using your face as input.
- Blueclip | R&D AI Engineer & Lead / London UK (Home Office) | March 2023 November 2023
 I have researched and developed different demos and a meeting bot for Google Meet. For the meet bot, I have used
 Selenium for web scrapping and PyAudio with optimized Whisper for STT. I have finetuned and optimized Whisper and GPT based models.
- Huawei | R&D Al Engineer & Researcher / Istanbul Turkey | June 2022 March 2023
 I have worked as an Al Engineer on Huawei's solutions, Writing academic papers, doing researches and finding best case-studies for next company-wise projects or enrich existed project with Al capabilities.
 Using techs: NLP, Spacy, Tensorflow, ML, Barracuda(Unity), Web Scrapping, OpenAl (GPT-3 & ChatGPT) and more
- Huawei | Software Engineer / Istanbul Turkey | April 2020 June 2022
 - I worked as a Developer Advocate at Huawei. I supported Huawei's customers to integrate Huawei Mobile Service (HMS) ecosystem while developing individual projects, writing Medium articles, recording videos to YouTube, mentoring, documenting and contributing to HMS ecosystem. Me and my team wrote from scratch a plugin for ease this integration process cause most of the games cannot use Java integration (due to high workload). I developed demo games, documents, plugin contributions and I gave close support to Huawei's work partners. Also Me and my team gave lectures at Bahcesehir University for one semester as a project between Huawei and BAU https://www.youtube.com/watch?v=3T1-N0Rsrbs https://github.com/EvilMindDevs/hms-unity-plugin
- Futuro Digitale | Front-End Development Intern / Cosenza Italy | October 2019 January 2020

 Developed Php based web applications, Desktop applications with C# and Teach English to the Italian local folks.

 Improved teamwork and communication with teammates and taste the local food and share the experience with other people
- SOLVOYO | Software Engineer Intern / Istanbul Turkey | July 2019 September 2019

 Used and developed back-end with C#, Docker (CI, CD), User Tests (literally wrote 1000+ lines of tests) and Coverage (%90), Learned and developed front-end with Java Script, React.Js, Regex (etc.)

Education

Mckinsey Academy, Online

April 2023 - November 2023 Forward Foundation & Advanced Program - **Professional Development**

Bahcesehir University, Istanbul / Turkey

March 2022 - January 2025

Artificial Intelligence - Master's Degree High Honor Degree

I compared multiple Sentimental Analysis models on Turkish datasets and I measured their differences and similarities using State-Of-The-Art methods an measurements.

Suleyman Demirel University, Isparta / Turkey

September 2015 - June 2019

Computer Engineering - Bachelor's Degree