Mustafa CAN
AI Engineer

Skills

Programming Languages	**Java, Js, Python, Unity**
Development Frameworks	**Spring Boot,** React, **React-Native, Android, HMS**
Databases	MySQL, **MongoDB,** SQLite, H2, Firestore
Development Tools	**Git, VS Code, AWS, Firebase**
AI	**Documentation Preparation, Academic Writing, Selenium, NLP, STT,** TTS, Lipsync, **HuggingFace, Google Colab, KerasTF, PyTorch, OpenAI, Lanchain,** Pinecone, **Whisper, PyAnnote, PyAudio, ffmpeg**

*Note: Skills that are written in **bold** means I am confident while using them*

Projects

- **Picbox AI**

  `Company IOS App`

  2023

  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 AI

- **Meeting AI Buddy**

  `Startup Project`

  2023

  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`

  2022

  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`

  2020 - 2022

  I am contributing to the HMS Unity Plugin for users to use Huawei Services on their Unity Projects. I did write documentations, new features, fixing bugs with

Profile

- **Birthday & Place**

  14 March 1997
  Istanbul Fatih

- **Sex & Marital Status**

  Male, Single

- **Languages**

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

- **Address**

  Istanbul / Turkey

- **Phone**

  +90 545 783 1997

- **Mail**

  mcqn14@gmail.com

- **Social**

  https://www.linkedin.com/in/canmustafa
  https://github.com/MustafaCQN
  https://medium.com/@mcqn14
  https://www.hackerrank.com/mcqn14?hr_r=1
  https://www.upwork.com/freelancers/~01d9662a19a742ce49

weekly planing Sprints.
Github

Experience

- **Aksigorta | AI Engineer / Istanbul - Turkey | February 2024 - Present**
  Working as an AI Engineer. I am using Generational AI 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 AI Engineer & Researcher / Istanbul - Turkey | June 2022 - March 2023**
  I have worked as an AI 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 AI capabilities.
  Using techs: NLP, Spacy, Tensorflow, ML, Barracuda(Unity), Web Scrapping, OpenAI (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_**