

Ibrahim Eren Tilla

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Istanbul, Turkey

EDUCATION

- **Bilkent University** Ankara, Turkey
Bachelor's Degree in Computer Engineering: Top %25 of class August 2017 – June 2021

EXPERIENCE

- **Trendyol Group** Istanbul, Turkey
Associate Software Developer June 2021 – Present
 - Designed and implemented a quality assessment microservice using **Spring, React, and Couchbase**. It is **used by 3500+** customer service agents **every month**.
 - Contributed to the new notification center project **increasing the Kafka throughput 4 times**.
 - Constructed a new gateway project, creating RESTful APIs using **Kotlin**.
 - Currently supporting the Trendyol infrastructure which has **15+ million visitors per day**.
- **Vadi Enterprise Information Systems** Istanbul, Turkey
Software Engineer Intern July 2020 – October 2020
 - Implemented a web-based application that ingests and analyzes the data from various gas sensors over Istanbul using IoT. **Used AWS IoT Core, IoT Analytics, and DynamoDB**.
 - Established and fine-tuned communication through UART protocol over STM32 MCUs.
 - The application is currently being **used by 7 district municipalities** in Istanbul.
- **Turkish Airlines** Istanbul, Turkey
Software Engineer Intern July 2019 – September 2019
 - Designed and built a user agreement program which is **used by 200+ people** in the company on a monthly basis.
 - Used **Python** to connect the system to the **MS SQL** database to store the field data.

PROJECTS

- **The Third Eye**
 - Implemented a social distancing and face mask detection program in **Python**, using **OpenCV and YOLOv4**.
 - Trained the face mask detection algorithm on **Google Colab**, using a dataset from Kaggle.
 - Created **analysis & design** reports, concentrating on the **application lifecycle management**, project reports can be examined on [project website](#).
- **CodeGiant**
 - A web-application of a coding practice & interview system (e.g., HackerRank, LeetCode).
 - Worked on the **back-end** of the website and created **RESTful APIs** using **Node.js** and **Express.js**.
 - An integrated system that can support **thousands of users**, code be found on [GitHub](#).
- **Crossword Solver**
 - An open-source **ML program** to solve The Mini Crossword from NYTimes.
 - Downloads the clues and solves them through searching online dictionaries, code can be found on [GitHub](#).

PROGRAMMING SKILLS

- **Languages:** Java, Javascript, C++, HTML5, CSS, Python, Go
- **Tools/Technologies:** Git, Spring, Kafka, Couchbase, Amazon Web Services, NodeJS, ExpressJS, React

ACHIEVEMENTS

- Placed **984th** on the national admission exam in Turkey where roughly **1.2 million people** attend, ranking within the **top 0.08% percent** of contestants.