Serhan Osman Silahyurekli

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Experience

Trendyol   **Mar. 2022 – Present**
Full Stack Engineer   *Istanbul, Turkey*

- Working with a team of 10 people which includes full stack engineers, QA engineers and product managers
- Developed a tool that **64%** of sellers are starting to use for designing stores more conveniently by using, **React.js** and **Nest.js**
- Created a Seller Profile tab for **over 100K** sellers on Trendyol by using **React.js** and **Nest.js**
- Programmed a **Kafka consumer** to gather **over 52M** data from multiple Kafka topics
- Built an app for **over 100K** sellers to design their stores, by using **React Native**
- Migrated **110K** WebP images of **30K** sellers to JPEG by using **Typescript, PostgreSQL** and **Couchbase**
- Designed a core api for multiple repositories by using **Golang**
- Utilized **Swagger** for the REST API documentation
- Implemented a reproducer for consuming the data from **dead letter queue** and produce to **Kafka** topic by using **Golang**
- Managing backend service deployments from the repository creation to deployment to **Kubernetes**
- Presenting the features developed by my team at the monthly meetings

Getir   **Sep. 2021 – Mar. 2022**
Software Engineer Intern   *Istanbul, Turkey*

- Worked on development and improvement of back end systems for GetirFood using **Node.js**
- Wrote unit and integration tests for **60%** of the GetirFood's Post Order API endpoints with **Jest**
- Solved bugs to prevent endpoints from being called unnecessary or incorrectly

                                                                                                       Jun. 2021 – Sep. 2021
Data Scientist Intern   *Istanbul, Turkey*

- Built an algorithm to place the products in the warehouse optimally to reduce the time for couriers to get product
- Developed **AWS Cloudwatch** logs insights query to detect error existence on logs
- Developed a parallel web and mobile crawler to store contents of more than **30K** products using **Selenium** and Python

Sabanci University   **Feb. 2021 – Jun. 2021**
Learning Assistant - CS 210 Introduction to Data Science   *Istanbul, Turkey*

- Asissted students with data science-related problems in recitations and office hours
- Guided and graded projects of 5 students

PURE - Sabanci University   **Jun. 2020 - Aug. 2020**
Undergraduate Research Assistant

- Developed a web scraper to collect **over 1 million** TV series' data from IMDB
- Built prediction models by using machine learning algorithms to classify TV series into success categories using **Python**
- Designed a **RESTful API** using **Node.js** and **Express**

Education

Sabanci University   **Sep. 2017 – Feb. 2022**
Bachelor of Science in Computer Science and Engineering - CGPA: 3.54/4.00   *Istanbul, Turkey*

Technical Skills

Languages / Databases: TypeScript, Python, JavaScript, Go, Java, React.js, PostgreSQL, Couchbase, MongoDB, Redis

Technologies: Node.js, Docker, Git, GitHub, Bitbucket, GitLab, Jira, Kubernetes, Argo CD

Leadership / Extracurricular

Sabanci University SIAM Student Chapter   **Sep. 2021 - Feb. 2022**
Co-Founder & Board Member

Civil Involvement Projects   **Feb. 2018 - Jun. 2018**
Teaching Student

- Taught primary school kids how to solve coding questions and helped kids to improve their coding skills