

# Selçuk Şan

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## ABOUT ME

As a 4th year computer science student at Bursa Technical University, I am a motivated junior DevOps engineer with experience in Azure DevOps, Docker, and Linux server configuration. Proficient in creating CI/CD pipelines to automate software deployment and improve development processes. Seeking an opportunity to continue developing my technical skills and gain hands-on experience with cloud computing and other cutting-edge technologies in a dynamic team environment.

## WORK EXPERIENCE

### Cloud Infrastructure and Virtualization Operations Intern

**Türk Telekom** [ 09/01/2023 – Current ]

1. Monitored metrics using Prometheus and sent alerts using Alertmanager
2. Utilized Blackbox exporter to check SSL certificates for service
3. Developed custom Prometheus Exporters in Go
4. Utilized Docker to manage and deploy the Prometheus and custom exporters.

### DevOps Intern

**Özdilek Holding Özveri Arge Merkezi** [ 15/08/2022 – 06/01/2023 ]

Completed a 5-month internship as a DevOps intern, working alongside an experienced DevOps engineer to gain hands-on experience in building, deploying, maintaining and monitoring software applications:

1. Assisted in creating work items using Azure DevOps Boards to track project and facilitate communication
2. Gained experience in managing code using Azure DevOps Repos
3. Assisted in building CI/CD pipelines with Azure DevOps Pipelines, working with development teams
4. Acquired knowledge of Linux server, including package management, bash scripting and file systems
5. Gained hands-on experience in working with Linux CLI
6. Contributed to Nginx configurations

### TUBITAK Project Intern

[ 01/08/2021 – 01/09/2021 ]

I contributed to a TUBITAK project named PyNar, which is a Turkish Python code editor and developed strong skills in preparing technical documentation, particularly with Markdown and JSON files.

<https://www.pynar.org/tr/gelistirenler/>

### Data Science Intern

**İletişim Yazılım** [ 01/11/2020 – 01/04/2021 ]

I worked on a project aimed at assisting in the selection of the best suppliers

My tasks included querying data from an MS SQL Database, as well as learning about data preprocessing and machine learning techniques using Python.

## EDUCATION AND TRAINING

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### Data Engineering & Cloud Engineering Bootcamp Participant

[ 01/06/2022 – 01/10/2022 ]

Completed a comprehensive 4-month Data Engineering and Cloud bootcamp, acquiring hands-on experience in building data pipelines, designing data architectures, and working with cloud-based and open-source data tools.

1. Python, Linux, Bash Shell, Fast API
2. Apache Nifi, Apache Spark (RDDs, Dataframes, Structured Kafka Streaming)
3. Apache Kafka
4. NoSQL Principles, Elasticsearch
5. GCP: Compute Engine, BigQuery, Data Studio, Cloud Storage

### Data Science Bootcamp Participant

[ 01/01/2022 – 01/06/2022 ]

Completed an intensive 4-month data science bootcamp, gaining hands-on experiences in data analysis, machine learning, and statistical modeling:

1. Virtual Environments and Python Packages
2. Functional EDA, Data Preprocessing and Feature Engineering
3. ML Algorithms and Time Series
4. Recommendation Systems

Capstone Project: <https://github.com/selcuksan/bank-marketing>

## HONOURS AND AWARDS

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### 3rd place in the Cloud Computing Bootcamp organized by Turk Telekom

[ 03/10/2022 ]

I worked on converting a traditional architecture to a cloud-native microservice architecture using cloud services.

Link: <https://www.linkedin.com/feed/update/urn:li:activity:6988085876673142784/>

### 7th place in Artificial Intelligence Category of the Huawei R&D Coding Marathon

[ 01/08/2022 ]

I developed a project focused on forecasting online user numbers and data download volumes in a relevant network using network traffic data.

Link: <https://www.linkedin.com/feed/update/urn:li:activity:6974076296121188352/>