

Serhat Yavuzigit

Software Engineer, Ankara - Turkey

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EDUCATION

- **TOBB University of Economics and Technology** Ankara, Turkey
Bachelor of Science in Computer Engineering; GPA: 3.07 Sep. 2016 – Dec. 2020

EXPERIENCE

- **Retinadata** Ankara, Turkey
Software Engineer Mar 2021 - Present
 - Working as a full-stack software engineer on web based projects.
 - Gained experience with **Java Spring Boot**, **VueJs** and **GraphQL** in the first project.
 - Implemented new UI features using with **Vuetify**, **Vuex** and **Apollo GraphQL**.
 - Implemented GraphQL queries and endpoints to server side. Added a **gRPC** client to authentication service.
 - Implemented rate-limiter support using bucket4j.
 - Gained experience with **Go**, **Kubernetes**, **Docker**, **Ceph**, **Radosgw**, **Prometheus** and **Grafana** in the second project.
 - Implemented custom Prometheus exporter with Go and deployed it's Docker image to multiple Kubernetes cluster.
 - Created multiple Grafana dashboards from Prometheus datasources and displayed dashboards as iframe in web applications.
 - Updated Kubernetes clusters regularly with the help of **Kustomize** on deployment files.
- **ESEN** Ankara, Turkey
Research And Development Intern Sep 2020 - Dec 2020
 - Implemented different Computer Vision algorithms on aerial images with **Matlab** and **Python** using **opencv** and **skimage** libraries.
 - Prepared large datasets for image classification. Trained and tested deep learning models on those datasets.
- **AYESAS** Ankara, Turkey
Software Engineer Intern Sep 2019 - Dec 2019
 - Developed a tool using **C++** and **QT** for assist the test team.
 - Implemented different sorting algorithms like quicksort and heapsort for comparing runtime of the project in corner cases.
- **SimBT** Ankara, Turkey
Software Engineer Intern Jan 2019 - Apr 2019
 - Implemented a serial channel connector using apache mina and rxtx libraries.
 - Gained experience with **Java**, **JavaFX**, **Git** and **Maven**.

PROJECTS

- **RgwEx**: Radosgw Prometheus exporter implemented with Go used in Grafana deployed to Kubernetes clusters.
- **Magazi**: In memory key-value data store written with Go containerized with Docker and deployed to GCP.
- **Other**: You can see my other projects at my GitHub page.

SKILLS - INTERESTS

- Java, Python, JavaScript, C++, SQL, GO Programming
- Algorithms and Data Structures
- Programming Languages
- Distributed Systems