

Resulkary Saporov

+90 541 977 1644 | resulkary@gmail.com | resuls.com | [resuls](https://www.linkedin.com/company/resuls) | [resuls](https://www.linkedin.com/company/resuls)

Education

Bilkent University, GPA: 3.92

B.S. IN COMPUTER TECHNOLOGY AND INFORMATION SYSTEMS

Ankara, Turkey

2017 - present (June 2021)

University of Applied Sciences Upper Austria

B.S. MOBILE COMPUTING (EXCHANGE PROGRAM)

Hagenberg, Austria

2019 - 2020 (February)

Experience

Freelance

SOFTWARE ENGINEER

Ankara, Turkey (Remote)

August 2020 - October 2020

- Completed the back-end of an E-Commerce application's API from scratch using Spring Framework (Kotlin)
- Wrote unit and integration tests using junit5.
- Designed an automated CI/CD pipeline for building, testing, and deployment which saved around 10 minutes per deployment.
- Used docker-compose for easy deployments independent of the deployment environment.

Turk AI

SOFTWARE ENGINEERING INTERN

Ankara, Turkey

February 2020 - July 2020

- Optimized all Dockerfiles for the microservices that reduced the build times by 80% by using caching.
- Wrote unit and integration tests for micro-services which decreased the failure rates by at least 40% on deployments.
- Improved OCR service's image pre-processing that increased the accuracy by 10%.
- Built duplication service which managed duplicate files on S3.
- Interviewed 2 people for software engineering positions.
- Co-ordinated team of 4 people responsible for different microservices.

Turk AI

SOFTWARE ENGINEERING INTERN

Ankara, Turkey

June 2019 - September 2019

- Developed several highly scalable microservices that ran on a Kubernetes cluster that achieved various goals (NDA) with 99.9% availability rate.
- Dockerized all modules in the project which decreased the environment related issues by at least 60%.
- Integrated queue system between microservices using RabbitMQ.
- Integrated Redis and utilized caching to decreasing lookup times by 83%.
- Used NLP tools to extract information from natural texts and trained a model that had 88% accuracy on extracting the necessary information.
- Leveraged caching for faster model loadings, which reduced loading times by around 95%.
- Set up a CI pipeline that automated testing, coverage analysis, and, deployment decreasing manual work done by developers by 10%.

Projects

Makalam

[HTTPS://MAKALAM.COM](https://makalam.com)

September 2020

- Launched a blog application for Turkmen writers.
- Led a team of five consisting of beginner programmers, and trained them throughout the project according to the needs.
- Developed the back-end of the application using Django and Bulma CSS framework for styling.
- Deployed the application in EC2 instance and used Cloudflare as a proxy.
- Utilized AWS S3 for serving the static files and Cloudflare for DNS record management.

8Puzzle

[HTTPS://RESULS.COM/8PUZZLE](https://resuls.com/8PUZZLE)

January 2018

- Created a puzzle game using Javascript and jQuery.
- Implemented A* algorithm which solved the puzzle at least 30% faster than a DFS algorithm.

Skills

Main Languages: Python, Java, C/C++, JavaScript, SQL, NoSQL

Frameworks: Django, Flask, Spring

Tools and Environments: Unix/Linux, Git, Firebase, Docker, Kubernetes, RabbitMQ, Redis, MySQL/PostgreSQL, CI/CD, MongoDB, Kotlin,