

Ege Kaan Gürkan

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Education

Bilkent University, BSc. in Computer Science May 2018 to Jan 2023

Experience

Integrations and Software Developer, Maltego Technologies GmbH – Munich, DE Nov 2022 to present

- Implemented and integrated over 50 APIs into Maltego transforms.
- Created an internal tool which hastened transform development and management processes by 20%, reducing human errors in configurations by 70%.
- Leading the development of another tool/product which utilizes LLMs (currently confidential).

Systems Engineer & Backend Developer, Layermark – Ankara, TR Jul 2022 to Nov 2022

- Transferred company systems to Kubernetes.
- Lead an R&D initiative which changed the way queue processes are defined within the company.

Kubernetes Cluster Admin & Backend Developer, BK Mobil – Ankara, TR Mar 2021 to Jul 2022

- Set up and maintained Kubernetes clusters for a proprietary video conferencing solution, scaling to 7000+ users and 140+ nodes, with Docker, Grafana, Prometheus, Fluent Bit, and CloudWatch. Created custom Kubernetes resources in Go to manage node scaling.
- Developed and maintained APIs in Laravel, managed CI/CD workflows in Bitbucket Pipelines.
- Led R&D on machine learning applications, building a POC to predict students' exam performance and recommend study modules.

Projects

AlgoDrop 2021

- An NFT marketplace/launchpad on the Algorand blockchain, which generated around \$30,000 per month in circulation.
- Tools Used: React, Typescript, FastAPI, PostgreSQL, AWS (EKS, ECR, Lambda, SQS)

Buluşunca (Startup) 2020

- A startup I started with a few friends during the COVID-19 pandemic lockdowns to help small businesses.
- Seed funding received from Tuborg, a subsidiary of Carlsberg Group.
- Tools Used: React, Django, PostgreSQL

CoDonate 2020

- As part of the COVID-19 Global Hackathon, me and my friends created a website devoted to enabling cryptocurrency donations to organizations and NGOs fighting against COVID-19.

Volunteer Experience

Business Talks Board Member, Young Entrepreneurs Society – Ankara, DE May 2019 to Jun 2020

- Organized a trip to Munich for 24 undergraduate students to meet with prominent business leaders, offering insights into the challenges of building and sustaining a business. Visits included industry giants like Google, Siemens, and Nokia Bell Labs, as well as startups like Celonis, Creative Dock, and TNG Tech.

Mentor & Core Member, Google Developer Student Clubs – Ankara, DE Nov 2019 to Jun 2020

- Integrated Developer Student Clubs into Bilkent University as a core founding member.
- Ran workshops to over 200 students on the Linux terminal, Google Cloud Platform, machine learning principles and more.