

Muhammed Said Kaya

Software Engineer

Who willing to learn new things, constantly wants to improve himself and enjoys sharing knowledge. **Goal is improving himself about Golang, Kubernetes, Cloud Native Technologies and Observability Stack.**

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WORK EXPERIENCE

Cloud Software Engineer - DevOps Picus Security

07/2022 - Present

San Francisco, California

- Provisioning **K3S Kubernetes Cluster** and deploying applications with the **GitOps Flux CD**.
- Zero trust **OpenVPN Community Platform** (2fa with **Google Authenticator**)
- **Slack Bot** which is written in **Golang, Python** and **Bash script**.
- Filebeat Custom Processors and Elasticsearch for collecting logs. (AWS Opensearch)
- Provisioning **all AWS infrastructure** with **Terraform** and **serverless** . (Route53, WAF, ALB, ECS, RDS, ElastiCache, SQS, SNS, Cloudwatch, Lambda, ECR, S3 and IAM)

Platform Engineer

kloia - (AWS Advanced Consulting Partner -
CNCF Silver Member)

08/2021 - 07/2022

London - UK

kloia is a new-era consultancy company who is an accelerator for closing the technology gap through the adoption of modern practices in Cloud, DevOps, Test Automation and Microservices.

- Worked on the integration project of **Jenkins Shared Library** written in Groovy for the CI / CD implementation of Adaptive Branching, one of the branching methods.
- Worked on the project of creating **Upstream and Downstream Kubernetes Clusters** and their integrated components in the private cloud as code.
- Participated in the project of creating a **Monitoring Platform (Nginx, Prometheus, Grafana, Alertmanager)** using Ansible and **Custom Prometheus Exporter** using Python.
- Worked with APM(Instana) and **Opensource observability technologies (Opentelemetry/Opentracing etc.)** and how to get telemetry data in distributed architecture by manual/auto instrumentation.

Software Engineer Tübitak Bilgem YTE

10/2020 - 08/2021

Ankara-Turkey

Tübitak Bilgem YTE develops R&D-oriented software solutions in order to meet the digital transformation needs of public institutions.

- Involved in "**BKMYBS**" project which enables the joint management of the accounting transactions of all public institutions and organizations within the scope of the central government budget.
- **TECHNOLOGY STACK:** Ember.js, Spring Boot, Hibernate, PostgreSQL, Apache Kafka, ELK Stack and SOAP Web services.

CERTIFICATES

Hashicorp - Certified Terraform Associate

AWS - Certified Cloud Practitioner

Linux Foundation - Certified Kubernetes Administrator

EDUCATION

Computer Engineering

Hacettepe University - Bachelor's Degree

08/2016 - 08/2021

GPA : 3.36/4.00

PUBLICATIONS

Blog

OpenVPN Community Server with 2FA Google Authenticator on AWS EC2

2022

How to provision your own VPN Server and make it more secure with the Google Authenticator 2FA.

Blog

Adding Custom Metadata While Sending Logs with Filebeat

2022

How to extend the already existing Filebeat Processors or add a Processor.

SKILLS

Microservice Arch.

Platform Development

CI/CD

Git

Github Actions

Gitlab CI

Jenkins/Groovy

IaC

Linux

Docker

Kubernetes

AWS

Terraform

Ansible

Istio

Bash

Python

Golang

ELK Stack

SQL

REST

Java

Spring

Observability

Opentelemetry

Prometheus

Jaeger

Zipkin