

# Melih Sivri

## Software Engineer

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in LinkedIn 🐙 Github

### Profile

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- Experienced in building event-driven microservice architectures on **Kubernetes** using **Python, Go and JavaScript**. Implemented monitoring and log aggregation pipelines.
- Built data pipelines to collect and analyse **millions of rows** in ClickHouse. Developed many **cloud native** applications on AWS (**20+**).
- Focus on test-driven development and hexagonal architecture patterns. **Distributed systems, monitoring and observability** enthusiast.
- With a **bachelor's degree in CS** and a passion for OOP, clean code and architecture, I am constantly learning and applying new technologies to drive innovation.

### Skills

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### Professional Experience

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02/2022 – present

Backend Engineer 

Tallinn, Estonia

- I have gained valuable experience in both large data processing (SEO) and microservice architecture development.
- Also developed more than **10 services** that can handle large datasets with **high concurrency using Go and Python**.
- Worked on multithreading and concurrency to efficiently store and query this data using the Clickhouse database and have achieved about **85% performance increase** (compared to single thread).
- I have extensively studied and applied topics such as event-driven architecture, clean architecture and high test coverage (<%90) to develop my skills.
- I also had the chance to experience many **no-code** tools. These include **cube.dev, n8n, Retool**, etc.
- Besides these, I have gained in-depth experience in many aws services. Some of them are **EKS, S3, Lambda, ECS, ECR** etc.

## VirtualMetric B.V.

09/2021 – 02/2022

Software Engineer (Go) 

Amsterdam,  
Netherlands

- I actively contributed to the development of monitoring solutions, taking a hands-on role in data collection.
- Developed monitoring modules using the **Go language for Redis, RabbitMQ, Docker and Sangfor HCI** for the client side agent.
- I have also been responsible for **maintaining more than 5 integrations**.
- This experience enhanced my skills in **concurrent data streaming** (for logs and metrics), **monitoring methodologies** and **optimising system performance**.

## Makromusic

08/2021 – 09/2021

Backend Developer 

Istanbul, Turkey

- During my experience I had the opportunity to work on **microservices development using Go, Rust and Python**.
- This allowed me to gain extensive knowledge and skills in a wide range of technologies and techniques.
- In particular, I became familiar with **CI/CD pipelines, distributed tracing, Protobuf and the Kubernetes structure**.

## Education

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### BSc, Computer Science

2019 – 2023

Abant İzzet Baysal University 

Bolu, Türkiye

GPA 3.6/4

## Languages

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English • Turkish

## Organizations

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### Google Developer Groups

2019 – 2022

Member

Bolu, Türkiye

GDG Bolu