Melih Sivri
Software Engineer

Istanbul, Turkey | +90 (537) 459 81 56 | mlheymen.ms@gmail.com | [Linkedin](#) | [Github](#)

▪ Experienced in developing event-driven microservice architectures using technologies such as **Go, Python, and Java(**Spring focussed**)**. Skilled in building and implementing monitoring and log aggregation pipelines, and actively contributing to monitoring solutions by creating modules for data collection and analysis.

▪ Strong background in distributed systems with hands-on experience in tools such as **Kubernetes, Docker and AWS.**

▪ Actively contributed to monitoring solutions by creating modules for data collection and analysis.

▪ Skilled in handling big data, using technologies like **Clickhouse and PostgreSQL** to store and query large datasets.

▪ Holds a Bachelor's degree in Computer Science and has a passion for clean code and architecture.

▪ Continuously learning and applying new technologies to drive innovation.

Technical Skills

Development Languages: Golang, Python, Java
Database: PostgreSQL, Redis, DynamoDB, Clickhouse, Couchbase
Software & Others: Git, Docker, AWS, Kubernetes, Grafana, RabbitMQ, Kafka, gRPC

Professional Work Experience

Software Engineer, Trendyol Group, 09/2024 – Present → Technologies: Golang, Python, On-Prem Cloud, Couchbase, Jira

- Working on **search relevance** systems using Go and Python.

- Developing and maintaining ML models deployed on NVIDIA Triton Inference Server.

- Improving ranking, scoring, and online inference pipelines at scale.

Backend Engineer, Wope, 02/2022 – 09/2024 → Technologies: Golang, Python, AWS, PostgreSQL, Clickhouse, Sentry, Linear
- 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**, **Airbyte** etc. Besides these, I have gained in-depth experience in many aws services. Some of them are **EKS, S3, Lambda, ECS, ECR** etc.

Software Engineer, VirtualMetric BV, 09/2021 – 02/2022 → Technologies: Golang, Linux, Redis, RabbitMQ, PostgreSQL, Jira

- 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 **optimizing system performance**.

Backend Developer, makromusic, 06/2021 – 09/2022 → Technologies: Golang, Rust, Python, gRPC, Redis, Kubernetes, PostgreSQL, Jira

- During my experience, I played key roles in Backend and DevOps. I worked on refactoring microservices written in **Go, Python, and Rust**, and developed new services using WebSocket.
- This allowed me to gain extensive knowledge in various technologies, including **distributed tracing, Protobuf, and Kubernetes**.

Education

BSc, Computer Science | *Abant Izzet Baysal University* **|** 2019 - June 2023 **| GPA 3.6/4**