

Melih Sivri

Software Engineer

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- Experienced in developing event-driven microservice architectures using technologies such as **Go, Python, and Java**. 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.
- **Open to relocate**

Technical Skills

Development Languages: Golang, Python, Java

Database: PostgreSQL, Redis, DynamoDB, Clickhouse,

Software & Others: Git, Docker, AWS, Kubernetes, Grafana, n8n, RabbitMQ, Kafka

Professional Work Experience

Backend Engineer, Wope - 02/2022 – Present → 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 B.V. - 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 - 07/2021 – 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 İzzet Baysal University | 2019 - June 2023 | GPA 3.6/4