

# MEHMET BAŞARAN

## DEVOPS ENGINEER & LINUX SYSTEM ADMIN

### CONTACT

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### EDUCATION

B.E., Gazi University  
Engineering Faculty,  
Computer Engineering  
GPA 2.62/4.00, 2021

### LANGUAGES

- Turkish, Native
- English, Fluent

Over the past year, I have thrived as a DevOps engineer, drawing on my solid background in Linux system administration, infrastructure monitoring, and cluster management. Prior to this, I gained three years of experience as a systems engineer and monitoring specialist, further deepening my expertise in backend operations.

My key strength lies in driving efficiency and simplifying complex system management. I have consistently delivered in designing, deploying, and maintaining large-scale Linux environments, ensuring stability and performance across critical systems.

I have led the implementation of high-availability architectures and managed robust CI/CD pipelines that streamline software delivery and reduce deployment risks. These efforts have directly supported agile development teams and enhanced product reliability.

Passionate about operational excellence and automation, I am eager to contribute my skills to a forward-thinking team, where I can help build resilient infrastructure and deliver impactful, scalable solutions.

Additionally, I have experience in developing LLM-based solutions and utilizing prompt engineering to automate system operations and human-system interactions, enhancing overall efficiency and reducing manual workload.

### WORK EXPERIENCE

#### • DevOps Engineer

Sebit Information & Education Technologies Inc. 2020 Sep - Present

##### Responsibilities:

- Installing and maintaining high available applications such as (Elasticsearch, Cassandra, Kafka, etc.).
- Writing new CI CD pipelines and maintaining old ones. (Gitlab, Jenkins, Ansible, Docker)
- Installation and maintenance of services used in the data layer, analysis of errors.
- Solving the problems experienced by the developer in the k8s environment and maintenance of k8s.
- Design, implementation, and follow-up of the system that will collect the metrics of the virtual machines, virtualization systems(k8s), and services on which all products work and will alarm when an anomaly occurs.
- Prepare appropriate scripts and plugins for Zabbix and Nagios for service or metrics control.
- Making dissemination processes according to the protocols created for monitoring systems (Zabbix, Nagios, Prometheus, Alertmanager, Glowroot, etc.)
- Managing and monitoring beta, pre-prod, and prod deployments for all products with Jenkins and Ansible.
- VMs, services creating and configurations manually and using Ansible.
- Examination of the generated alarms and take care of that.

#### • System Monitoring Specialist & Devops Engineer

Sole Proprietorship

2024 June - Present

##### Responsibilities:

- Deployment and maintenance of high-availability systems (Elasticsearch, Cassandra, Kafka, etc.), CI/CD pipelines (GitLab, Jenkins, Ansible, Docker), and comprehensive monitoring solutions (Zabbix, Nagios, Prometheus, etc.) tailored to client needs.
- Kubernetes environment support, including troubleshooting, deployment management, and monitoring of virtual machines, services, and systems, with customized automation scripts and plugins for enhanced operational efficiency.
- Aws services setup and management RDS, EC2, LB, S3 etc.

### SKILLS

- Environments: Redhat, Debian, Docker, VMware, K8S
- Automation: Ansible, Jenkins
- Scripting: Python, Bash
- Monitoring Tools: Nagios, Zabbix, Glowroot,
- Middlewares: Nginx, Tomcat
- Databases: PostgreSQL, MySQL NoSql: Elasticsearch, Cassandra
- Queue: Kafka
- Cache: McRouter, Memcached
- Versioning: Git
- Development Experience: Basic API integrations and minor projects.
- LLM prompting
- AWS services management RDS,EC2,LB,S3,lambda etc.