

ENES UYSAL

DevOps Engineer | Site Reliability Engineer (SRE)

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PROFESSIONAL SUMMARY

DevOps Engineer and Site Reliability Engineer (SRE) with 5+ years of hands-on experience engineering and operating production Kubernetes and Linux platforms, currently at Hepsiburada. Certified Kubernetes Administrator (CKA). Builds Continuous Integration/Continuous Delivery (CI/CD) and GitOps workflows with GitLab CI/CD, ArgoCD and Helm, automates infrastructure with Terraform, Ansible and Infrastructure as Code (IaC), and operates highly available PostgreSQL, Redis, Kafka, RabbitMQ and Elasticsearch/OpenSearch clusters. Experienced in distributed systems, networking, observability with Prometheus and Grafana, production troubleshooting, root cause analysis, performance engineering and capacity planning, with Go, Python and Bash for automation.

TECHNICAL SKILLS

Containers & Orchestration: Kubernetes (K8s), Docker, Helm, Container Orchestration, Microservices

CI/CD & GitOps: GitLab CI/CD, ArgoCD, GitOps, CI/CD Pipelines, Git

Infrastructure as Code & Automation: Terraform, Ansible, SaltStack, Infrastructure as Code (IaC), Configuration Management, Automation, YAML

Observability, Monitoring & Logging: Prometheus, Grafana, Thanos, Alertmanager, ELK Stack (Elasticsearch, Logstash, Kibana), OpenSearch, VictoriaLogs, Metrics, Logging, Alerting

Databases, Caching & Messaging: PostgreSQL, Patroni, Streaming Replication, MySQL, MongoDB, Redis, Redis Cluster, RabbitMQ, Apache Kafka

Linux, Systems & Networking: Linux (GNU/Linux), Linux System Administration, TCP/IP, DNS, HTTP/HTTPS, L4/L7 Networking, Load Balancing, Reverse Proxy, NGINX, HAProxy, Virtualization, Distributed Systems

Programming & Scripting: Go (Golang), Python, Bash / Shell Scripting, C/C++

Cloud & Identity: Google Cloud Platform (GCP), Microsoft Azure, Microsoft Entra ID (Azure AD), Active Directory, HashiCorp Vault, Cloud Infrastructure, On-Premises Infrastructure

Reliability & Operations: Site Reliability Engineering (SRE), Production Operations, High Availability (HA), Failover, Incident Response, Root Cause Analysis (RCA), Troubleshooting, Performance Tuning, Capacity Planning, Scalability, Backup & Recovery, Security Hardening

WORK EXPERIENCE

DevOps Engineer

Hepsiburada | Ankara, Turkey (Remote) | Apr 2026 - Present

One of Turkey's largest e-commerce platforms (NASDAQ: HEPS).

- Operate production Kubernetes clusters and containerized workloads for distributed services, owning availability, scalability, workload lifecycle, resource efficiency, deployment reliability and day-2 operations.
- Troubleshoot Kubernetes and Linux production issues across pods, scheduling, resource limits, service discovery, networking, storage, application dependencies and host-level signals; drive root cause analysis (RCA) to permanent fixes.
- Run distributed stateful platforms (Elasticsearch, OpenSearch, Redis, Kafka, RabbitMQ and VictoriaLogs), managing cluster health, capacity, performance and fault recovery.
- Build observability with Prometheus, Grafana and Thanos: metrics, dashboards and alerting that improve detection, diagnosis and capacity analysis.
- Build and maintain GitOps delivery workflows with GitLab CI/CD, ArgoCD and Helm for repeatable, auditable Kubernetes deployments and configuration management.
- Automate operational workflows with scripting and infrastructure automation to reduce manual toil; support incident response, production troubleshooting and change validation.

DevOps Engineer

N2Mobil Tracking Systems | Ankara, Turkey (On-site) | Feb 2023 - Apr 2026

Vehicle tracking and fleet management systems.

- Designed, containerized, deployed and operated high-throughput services on Kubernetes, covering workload scheduling, health probes, resource management, service networking, ingress and load balancing, scaling and high availability.
- Built GitLab CI/CD pipelines and ArgoCD-based GitOps delivery; automated infrastructure and configuration management with Ansible and Infrastructure as Code (IaC), making deployments consistent and repeatable.
- Designed a highly available PostgreSQL architecture with streaming replication and Patroni automated failover; worked on replication health, backup and recovery readiness, connection management, query performance and data durability.
- Operated PostgreSQL, MongoDB, Redis, RabbitMQ and ELK Stack platforms; analyzed Linux and storage performance across CPU, memory, disk I/O, IOPS, throughput, I/O wait and connection pressure to resolve application and database bottlenecks.

- Built monitoring, logging and alerting with Prometheus, Grafana, Alertmanager and the ELK Stack; used telemetry for incident investigation, root cause analysis, capacity planning, performance tuning and proactive failure detection.
- Engineered and troubleshot large-scale TCP/IP services for high-concurrency production workloads, including connection handling, reverse proxy and load balancing patterns and network traffic flows.
- Operated RabbitMQ-based asynchronous messaging and distributed application components with a focus on availability, throughput, back-pressure and fault isolation.
- Integrated Microsoft Entra ID with on-premises Active Directory; contributed to identity and access management (IAM), access control, secrets and certificate handling and infrastructure security hardening.
- Handled production incidents end to end across application, Kubernetes, Linux, network and database layers; documented findings and replaced recurring manual remediation with durable fixes.

DevOps Engineer

Yartu Information Services Inc. | Konya, Turkey (On-site) | Jul 2021 - Feb 2023

Enterprise email, cloud storage and video conferencing products.

- Migrated microservices and production workloads to Kubernetes; standardized container orchestration, deployment, service discovery, scaling and high-availability patterns for distributed applications.
- Designed and operated distributed Linux-based IMAP, SMTP, storage and video conferencing services; performed protocol-level troubleshooting, load testing, traffic analysis, capacity evaluation and load balancing optimization.
- Implemented PostgreSQL streaming replication and Patroni-based automated failover, improving database availability and recovery.
- Deployed and operated Redis Cluster for distributed caching; supported the performance, availability and scaling of latency-sensitive workloads.
- Automated CI/CD and continuous delivery with GitLab CI/CD, ArgoCD and GitOps practices for repeatable, configuration-driven deployments.
- Implemented monitoring and alerting with Prometheus, Grafana and Alertmanager; analyzed Linux, application, network and infrastructure signals during production troubleshooting and performance analysis.
- Designed and validated distributed file system architectures for storage scalability, redundancy, availability and recovery.

CERTIFICATIONS & TRAINING

Certified Kubernetes Administrator (CKA)

The Linux Foundation | Issued Sep 2026 | Valid through Sep 2028

Credential: https://www.credly.com/badges/7a84e4c8-86e0-45e3-b1dc-c544a54caa70/public_url

Huawei Cloud Practicum

Patika.dev | Issued Jan 2023

Credential: <https://verified.certifier.com/en/verify/14737634506752/>

- Introduction to the Linux Kernel | Mustafa Akgül Free Software Winter Camp | 2019
- GNU/Linux System Administration | Mustafa Akgül Free Software Summer Camp | 2019

PROJECTS

pgdump-scheduler (Go, PostgreSQL): Schedules PostgreSQL pg_dump backups with cron expressions; full or single-table dumps per database, configured in JSON.

smtp-load-test (Go, SMTP): SMTP load testing tool with configurable workers, job counts and message sizes; reports success and failure counts and per-stage timings.

load-balancer (Go, TCP): Layer 4 round-robin TCP load balancer with periodic backend health checks.

ha_redis_postgres (Kubernetes, Redis Sentinel, PostgreSQL, HAProxy): Kubernetes manifests for highly available Redis and PostgreSQL primary/replica replication behind HAProxy.

go-thread-pooling (Go): Worker pool module with a buffered task queue, failure callbacks and graceful shutdown.

yaml-parser (Go): Ordered YAML parser that reads, updates and writes documents while keeping key order.

go-chat-websocket (Go, WebSocket, PostgreSQL, Docker Compose): Real-time chat server with a JavaScript client.

image-crawler (Go): Concurrent same-domain web crawler that collects image URLs.

sozluk-api (PHP, Laravel, MySQL): Interactive dictionary REST API with OAuth2 authentication and role-based permissions.

Source code: <https://github.com/ennesuysal>

EDUCATION

B.Sc. in Computer Engineering

Konya Technical University (Selçuk University) | 2017 - 2021 | GPA: 3.7/4.0

LANGUAGES

Turkish: Native

English: B2 (Upper-Intermediate)