

Bariş Erenkara

DEVOPS & SITE RELIABILITY ENGINEER

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PROFESSIONAL SUMMARY

DevOps/SRE engineer with 10+ years in IT, running production infrastructure for a multi-tenant e-commerce platform serving international retail brands. I own the full path from edge to application: pfSense/HAProxy and Cloudflare at the perimeter, Kubernetes and VMware underneath, Zabbix, Elastic and New Relic on top. AWS-certified, with a penetration-testing background and a record of turning noisy alerting into signal.

TECHNICAL SKILLS

Cloud & Virtualization	AWS (EKS, EC2, VPC, Route 53), GCP, Hetzner, Netcup, VMware vSphere
Containers	Kubernetes (kubeadm, k3s, Rancher), Docker, Docker Compose, Helm, Coolify
Network & Edge	pfSense, HAProxy (L4/L7, stick-tables, ACLs), Cloudflare (WAF, CDN, Origin CA), site-to-site IPsec VPN, NAT/hairpin NAT, split-horizon DNS, pfBlockerNG/GeoIP, TCP/IP, BGP fundamentals
Observability	Zabbix, Elastic Stack & APM, Kibana, New Relic (NRQL, NerdGraph), Grafana, Pingdom, ElastAlert2
CI/CD & Automation	Azure DevOps, Azure Artifacts, Octopus Deploy, Jenkins, GitHub Actions, n8n, Git
Programming	Python (FastAPI, asyncio), Bash, PowerShell, SQL, YAML/JSON
Data & Messaging	MSSQL, PostgreSQL, MariaDB, MongoDB, Redis, Elasticsearch, RabbitMQ
Security	Penetration testing (OWASP Top 10), WAF rule tuning, TLS/PKI, rate limiting & bot mitigation, hardening, PAM/access auditing
Operating Systems	Linux (Debian, Ubuntu, Pop!_OS), Windows Server 2012–2022

PROFESSIONAL EXPERIENCE

Senior System Administrator / DevOps Engineer <i>Inveon – Digital Commerce Solutions · Digital commerce & e-commerce platform provider</i>	2022 – Present
- Own end-to-end infrastructure for a multi-tenant e-commerce platform serving NN retail brands — pfSense/HAProxy edge, multiple Kubernetes clusters, on-premise VMware and AWS/GCP. - Designed and operate the HAProxy L7 layer: routing, TLS termination, CDN zones and stick-table rate limiting that cut abusive bot traffic without affecting checkout. Reduced false-positive incident alerts by NN% with a FastAPI service that correlates Zabbix and Pingdom before paging. - Own the observability stack: Zabbix 5.0 → 7.0 migration, Elastic APM, New Relic NRQL alerting, and automated weekly performance reporting via n8n. - Lead root-cause analysis on recurring production incidents across NopCommerce, Redis, MongoDB, HAProxy and payment gateways. - Hardened the Cloudflare WAF perimeter and ran a full penetration test of a UK storefront, producing 28 confirmed findings. - Unblocked daily releases by migrating the NuGet feed to Azure Artifacts and fixing chronic Azure DevOps pipeline failures. - Mentor junior engineers and act as the infrastructure counterpart for cross-functional delivery teams.	
System Specialist <i>MNS Bilişim · Managed IT services</i>	2020 – 2022
- Installed, configured and troubleshooted server, storage and networking equipment for enterprise clients. - Monitored production servers, managed backup and restore cycles, and ensured data integrity across client environments. - Acted as escalation point for complex infrastructure incidents raised by first-line support.	
IT Specialist <i>MNS Bilişim · Managed IT services</i>	2011 – 2014
Delivered day-to-day IT support, managing service requests and resolving hardware, software and network problems.	

PROJECTS

- Scully — Agentic Incident Investigation (Python, FastAPI, Claude API)**. An AI agent that pulls context from monitoring platforms, correlates signals across them and produces draft root-cause analyses for on-call engineers.
- Home lab — k3s on VPS behind pfSense**. Self-managed k3s cluster used to prototype ingress, split-horizon DNS and firewall topologies before they reach production.
- Automation & data tooling**. Python services and n8n workflows for reporting and API integrations, plus a Cloudflare Workers/D1 web project.

CERTIFICATIONS

- AWS Certified Cloud Practitioner**
Amazon Web Services · Jun 2023 – Jun 2026
- Cisco CyberOps Associate**
Cisco
- Cisco Certified Network Associate (CCNA)**
Cisco · Mar 2021 – Mar 2024

LANGUAGES

Turkish — Native · English — Fluent (C1)

EDUCATION

- B.Sc. Computer Engineering**
Eskişehir Osmangazi University
2015 – 2020
- Associate Degree, Computer Programming**
Istanbul Gelişim University
2010 – 2012