

BAHADIR GEÇGEL

Senior DevSecOps Engineer

Ankara, Turkey

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PROFILE

Senior DevSecOps Engineer with **5+ years of experience**, including **3 years in fintech** under **PCI DSS & GDPR** compliance. Trusted as **organization-level superadmin** and point of contact for infrastructure and security at Talkremit, operating in a **100% AWS cloud-native environment**. Proven expertise in microservices transformation, **Kubernetes**, and **GitOps with ArgoCD**. Skilled in automation, **cost optimization**, and **security hardening** — enabling fast, secure, and compliant software delivery. Known for driving **large-scale cloud migrations**, **optimizing budgets**, and implementing **enterprise-grade security solutions**.

EMPLOYMENT HISTORY

❖ **Senior DevSecOps Engineer, Talkremit Ltd.** Oct 2023 — Present
London - UK - Remote

Infrastructure & Cloud Leadership

- **Decision-maker** for AWS infrastructure across **4 AWS accounts** (reporting directly to CTO), managing **100+ servers** with no dedicated DBA, infra, or network teams.
- Migrated DNS, WAF, and network stack from AWS Route53/WAF to **Cloudflare** without downtime, significantly improving security and resilience.
- Optimized AWS usage and migrated from AWS OpenSearch to self-hosted Elasticsearch, reducing monthly cloud costs by **30%**.
- Constantly monitoring and optimizing **cloud budget** and resource allocation.
- Operating in a **100% cloud-native environment** with AWS as the sole infrastructure provider.

CI/CD & Release Automation

- Led migration from Bitbucket/Jenkins to **GitLab/GitLab CI** with Google SSO, executed seamlessly with **zero downtime**.
- Designed and implemented a **company-wide release orchestrator** integrated with Jira, Slack, and Gmail, reducing release times from **half a day to ~1 hour**, enabling **100% automated releases**.
- Standardized Java microservice deployments with parameterized pipelines, ensuring instant reusability for new services.
- Migrated legacy Helm charts to **Kustomize** and implemented **ArgoCD GitOps** workflows for EKS microservices.

Security & Compliance

- Prevented and **mitigated multiple SMS pumping attacks**, securing business-critical systems.
- Implemented **custom IPsec tunneling** for integration with the Central Bank of Ethiopia.
- Automated **time-based database access** using HashiCorp Vault and Python, integrated with Jira & Slack (just-in-time credentials).
- Replaced insecure Git-based secret storage (SOPS) with a **centralized HashiCorp Vault solution**, ensuring **no secrets in Git** and establishing **secure, auditable, version-controlled secret management**.
- Administered Jira with advanced **workflow security & approvals**, ensuring **PCI DSS & GDPR compliance**; successfully passed PCI DSS qualification audits twice.
- **Organization-level superadmin** for GitLab, Jira, Google Workspace, and other company-wide platforms.

- ❖ **DevOps Engineer, Trive Corp. (Outsourced via BilgeAdam Technologies)** Oct 2022 — Oct 2023
Istanbul - TR - Remote
 - Administered a **self-hosted GitLab Enterprise** (400+ repositories, 100 users), improving collaboration and governance.
 - Reduced **QA test runtime from 20 hours to 20 minutes** by deploying a **dynamic Selenium Grid cluster** with parallel GitLab runners.
 - Cut **pipeline complexity by 90%** (1000 '100 lines) through parametrization, YAML templating, and automation, enhancing maintainability.
 - Developed **custom sync scripts** to automatically collect and store failed test session recordings for faster debugging.
 - Configured **Elasticsearch alerts and templated log monitoring**, improving observability and reducing incident response time.
 - Designed and maintained **complex CI/CD pipelines** (multi-brand Strapi environments) and managed tools including TeamCity, SonarQube, Zabbix, Ansible, Nginx, Docker Swarm, and Kubernetes.

- ❖ **DevOps Engineer, Mindtro (formerly Denk Information Technologies)** Oct 2019 — Oct 2022
Ankara - TR

Worked as a consultant for multiple enterprise clients, driving CI/CD modernization, microservices adoption, and cloud-native transformations:

 - **Hepsiburada / HepsijET** – Configured CI/CD pipelines for microservices with **Jenkins**; cut release times by 40% via proxy repositories; migrated from Bitbucket/Jenkins to GitLab/GitLab CI; provisioned and maintained **Kubernetes** clusters for new services.
 - **Vodafone (Anti-Money Laundering Project)** – Built CI/CD pipelines in secure, isolated environments; enforced strict Fortify and SonarQube security compliance; deployed and maintained applications on OpenShift; reduced Docker image sizes by 70% with custom builds.
 - **Digital Planet** – Conducted microservices transformation analysis with developer leads; recommended compliant cloud-native solutions; delivered provisioning pipelines to replace manual processes.
 - **Popusmart.com** – Administered a fully AWS-based production environment (EC2, CloudFront, RDS, CloudWatch, ElasticBeanstalk); implemented Jenkins pipelines; secured managed/self-managed services.

EDUCATION

- ❖ **Hacettepe University - Electrical & Electronics Engineering** 2012 — 2019
(Not Completed) Ankara

Completed significant coursework before re-enrolling in 2023 under academic amnesty.

SKILLS

AWS Cloud Architecture	Cloud Security (IAM, Compliance,
Kubernetes & GitOps (ArgoCD,	Hardening)
Kustomize, Helm)	PCI DSS & GDPR Compliance
GitLab CI & Jenkins	Bash & Python Scripting
Cloudflare (DNS, WAF, Zero Trust)	HashiCorp Vault

LANGUAGES

English *Highly proficient* Turkish *Native speaker*