

SEYIT HAN ALKAN



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DevOps & Site Reliability Engineer

DevOps & Site Reliability Engineer with 10+ years of experience architecting, automating and scaling cloud-native infrastructures on AWS & GCP. Expert in Kubernetes, Terraform, CI/CD pipelines and cost-optimization, with a proven track record of reducing deployment times and operating expenses.

Skills

- **Cloud & IaC:** AWS (EKS, ECS, Lambda), GCP Cloud Run, Terraform, Pulumi
- **Containers & Orchestration:** Docker, Kubernetes, Helm
- **CI/CD & VCS:** Git, GitHub Actions, GitLab CI/CD
- **Scripting:** Python, Bash, PowerShell
- **Monitoring & Alerting:** Zabbix, Prometheus, Grafana

Certifications

Udemy | Ultimate AWS Certified Solutions Architect Associate (2021), DevOps: CI/CD with Jenkins Nexus Ansible Docker Terraform (2021), Docker and Kubernetes: The Complete Guide (2022), Certified Kubernetes Administrator (CKA) with Practice Tests (2023)

Cybrary | Penetration Testing and Ethical Hacking (2020), Project Management Professional (PMP), (2020) Systems Security Certified Practitioner (SSCP), CompTIA Network + (2019), CompTIA Cloud + (2019), CompTIA Security + (2019), CompTIA Plus 901 (2019), End User Security Awareness (2019)

[See all certifications](#)

Key Achievements

- Cut AWS costs by **20%** via autoscaling & rightsizing strategies.
- Reduced deployment time by **40%** through container migration.
- Increased release frequency by **25%** with optimized CI/CD pipelines.
- Slashed incident response time by **50%** with **AWS Chatbot** → **Teams** integration.

PROFESSIONAL EXPERIENCE

Sr. DevOps Engineer | Turna, Istanbul | Aug 2025 – Present

Turna is an innovative online travel platform providing flight, bus, hotel, and ferry booking services.

- Containerized legacy **.NET projects** using **Docker** and standardized **build pipelines**.
- Designed and deployed multi-environment (test, stage, prod) **Kubernetes architecture** on **Huawei Cloud**.
- Built centralized **Bitbucket Infrastructure repository** with **Helm templates** for all microservices, parameterized via environment-specific **values.yaml**.
- Implemented **CI pipelines** to version and push images to **Huawei SWR**, automating deployments with **ArgoCD**.
- Deployed **SonarQube** and integrated **code analysis** into **CI pipelines** for quality enforcement and reporting.

Site Reliability Engineer | Bitexen, Istanbul Feb 2024 – Aug 2025

Bitexen is a crypto asset exchange which has a solid API and easy to use interface both on web, iOS and Android

- Designed & deployed a highly available **AWS EKS cluster** using **Terraform**.
- Led migration of microservices to **AWS ECS** with **Docker**, cutting deployment time by 40 %.
- Built end-to-end **CI/CD pipelines** with **GitHub Actions** for **Kubernetes** & **ECS** workloads.
- Implemented **autoscaling** & **instance-rightsizing** policies, reducing **AWS costs** by 20 %.
- Integrated **AWS Chatbot** with **Microsoft Teams** for automated, real-time **incident response** & restarts.

DevOps Engineer | BinBin, Istanbul | Apr 2023 – Feb 2024

BinBin is a technology company specializing in micro-mobility, offering eco-friendly and practical transportation solutions.

- Established mirrored **AWS test & prod environments** and branch-based **CI/CD** with **GitHub Actions**.
- Routed **Percona PMM** alerts to **Google Chat**, cutting **MTTR** by 30 %.
- Architected **blue-green deployments** on **IIS/EC2** (**ALB** weights + rollback).
- Developed **Terraform module** for **Huawei Cloud VPC** & **ECS** services.
- Built **serverless** container pipelines on **Google Cloud Run**.

DevOps Engineer | Solvoyo, Istanbul | Mar 2022 – Apr 2023

Solvoyo offers an end-to-end supply chain planning and analytics platform with machine learning technology.

- Automated **deployments** via **GitLab CI**, boosting release frequency by 25%.
- Built **AWS Lambda (Python)** cron jobs for scheduled tasks.
- Developed **Terraform** module for **ClamAV**-based **S3** antivirus scanning.
- Containerized a **Node.js application** and deployed it to **AWS ECS Fargate** behind an **ALB**, integrating **CloudFront CDN** to improve average site response times by 30%.
- Implemented **AWS Transit Gateway** to connect three data centers, optimizing **network resilience**.

System & Network Specialist | Obilet, Istanbul | Mar 2021 – Mar 2022

Information Systems Coordinator | Park Hyatt Macka Palas | Aug 2017 - Mar 2021

EDUCATION

B.Sc. in Mathematics & Computer Science, Bahçeşehir University, Istanbul — 2014