

EMRE AYDINSOY

SENIOR DEVOPS ENGINEER

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SUMMARY

Senior DevOps Engineer with 7+ years of DevOps and SRE experience on AWS. Runs high-traffic consumer platforms serving millions of users. Deep expertise in Kubernetes (EKS), ECS, Terraform, CI/CD and cloud cost optimization. Track record of zero-disruption migrations, stateful workload operations and major cost reductions.

KEY ACHIEVEMENTS

- 7+ years running production AWS infrastructure. Currently end-to-end owner of a 7+ product portfolio with millions of users.
- Four platform transformations: on-prem to AWS and AWS to IaaS migrations, 8 services containerized, a Cyber Essentials Plus re-architecture.
- Terraform-first: networking, EKS/ECS, IAM and VPN shipped as reproducible code across multiple AWS accounts.

PROFESSIONAL EXPERIENCE

Sr. DevOps Engineer — Arteria Ventures

2021 – Present

- Own cloud operations for a portfolio of consumer products — Faladdin, Binnaz, Vimbo, Faladdin Social, Alim, Mesiah, Vitola — serving millions of users.
- Lead the consolidation of three production AWS accounts — 60+ EC2, EKS/ECS clusters, Aurora fleets — into one multi-VPC account with WireGuard VPN and phased DNS cutovers.
- Operate production EKS and ECS (Fargate & EC2) clusters for high availability and scale.
- Design CI/CD pipelines and Terraform IaC, eliminating manual deployments and drift.
- Operate stateful workloads: RDS, Redis, Kafka, OpenSearch.
- Cut monthly AWS spend by 30–35% through cost optimization and capacity planning.
- Build CloudWatch/ELK observability and alerting; active in production incident response.

DevOps Engineer / Consultant / Trainer — Continium (Keytorc)

2020 – 2021

- Delivered DevOps consultancy and corporate training: AWS, Linux, CI/CD, infrastructure automation.

Jr. DevOps Engineer — PlusClouds

2018 – 2020

- Automated provisioning and configuration with Ansible, Bash and Python at an IaaS provider.
- Ran cloud storage (NFS, SMB, iSCSI), web stacks (Nginx, Apache, PHP-FPM) and VPN services.
- Built HA database topologies with HAProxy and MySQL primary–replica replication.

Internships — PlusClouds (DevOps & SysAdmin), Somera (Software Eng.)

2017 – 2018

- CentOS/Ubuntu administration, Ansible, Zabbix/Graylog monitoring, Python scripting.

CONSULTING EXPERIENCE

DevOps Consultant — Radius

2026 – Present

- Designed a DevSecOps AWS architecture for Cyber Essentials Plus: fully private three-tier VPC, dual-target flow logging, live-tested alarms. Resolved all 17 high-severity Security Hub findings.
- Containerized 8 production services; GitHub Actions pipelines with ECR delivery, health-checked releases and versioned rollbacks.
- Rolled out per-user certificate-based OpenVPN; credentials sealed in AWS Parameter Store.

DevOps Consultant — Puzzle Travel (Puzzletur)

2025 – Present

- Migrated the group's on-prem datacenter (9 servers, 63 vCPU / 134 GB) to ECS on AWS: 3 clusters, host-based ALB routing, 3 AZs.
- Cut the monthly AWS bill by 42% (~\$47,600/year) via consolidation, rightsizing and Graviton.
- Modernized the data layer to Aurora MySQL and ElastiCache (Valkey, Memcached); retired EOL stacks (CentOS 6, PHP 5.x).
- Codified dev and prod environments in Terraform with workspace and remote-state isolation.
- Built hybrid AWS–on-prem connectivity: MikroTik site-to-site VPN plus per-user OpenVPN.

DevOps Consultant (Part-time) — Palm Tech

2021 – 2022

- Architected the platform's AWS infrastructure (EC2, RDS, SNS) from scratch.
- Migrated from AWS to a local IaaS provider with minimal downtime, cutting costs by ~50%.
- Engineered HA MySQL clusters with replication and automated failover.

SKILLS

Cloud: AWS (EKS, ECS, EC2, RDS/Aurora, ElastiCache, Lambda, S3, IAM, CloudWatch, SNS, SES, OpenSearch, VPC), cost optimization

Containers & Orchestration: Kubernetes (EKS, RBAC, IRSA/OIDC), Docker, ECS (Fargate & EC2)

Infrastructure as Code & Automation: Terraform, Ansible, Bash, Python

CI/CD: GitHub Actions, GitLab CI, Jenkins, Git

Databases & Messaging: Aurora MySQL/PostgreSQL, MySQL (HA, replication, failover), Redis, Kafka, Elasticsearch/OpenSearch

Systems & Networking: Linux (Debian, Red Hat, Ubuntu), Nginx, Apache, HAProxy, ELK Stack, Zabbix, WireGuard, OpenVPN, MikroTik, VPC/VPN design

CERTIFICATIONS

Cisco CCNA

AWS Cloud Practitioner

Linux Summer Camp (LKD)

EDUCATION

B.Sc. in Computer Engineering — Duzce University

2013 – 2018