Ahmet Ozer

Platform Engineer — Cloud Infrastructure, Security & Networking

contact@ahmetozer.org | ahmetozer.org | github.com/ahmetozer | linkedin.com/in/ahmet-ozer

SUMMARY

Platform Engineer with 10+ years of experience designing and operating cloud infrastructure at scale. At Getir, served as the technical authority for cloud architecture, networking, and security across 4 business lines and 1,000+ microservices, influencing a 300-engineer technology department. Drove ~30% organization-wide cloud cost reduction, cut deployment cycle times by 90%, and reduced network incident rates by more than half. Operates as a force multiplier — setting technical standards, mentoring engineers across teams, and leading cross-functional initiatives from architecture through delivery without formal management authority.

TECHNICAL EXPERTISE

Cloud & Infrastructure: AWS (EKS, CDK, S3, RDS, VPC, CloudWatch, Direct Connect), GCP, Terraform, Helm, Docker, Kubernetes

Networking & Security: Linux networking (iptables, tunneling, VLAN, bonding), WAF, PCI-DSS compliance, OAuth2/OIDC, DDoS mitigation

CI/CD & Observability: ArgoCD, Spinnaker, GitLab CI, Bitbucket Pipelines, GitHub Actions, NewRelic, Opsgenie, Lacework

Languages & Tools: Go, Python, TypeScript, Bash | **Project Delivery:** Scrum, Kanban, cross-business roadmap planning

EXPERIENCE

Senior Platform & Infrastructure Engineer

Getir | 2025 – Present

- Re-architecting cloud environments (AWS, MongoDB Atlas) across 4 business lines to address burn-rate concerns, strengthen domain isolation, and improve deployment reliability — enabling teams to ship more frequently with fewer cross-domain failures, building on the ~30% org-wide cloud spend reduction achieved to date.
- Designed cross-domain work structures that improved organization-wide task handling and reduced friction for development squads across all Getir brands.
- Integrated AI capabilities into the first-level incident response (GoTo) system, accelerating initial triage.
- Serving as the architectural and communication bridge for cross-project integrations — guiding developers across internal teams and external partner companies on system-to-system communication patterns, API contracts, and infrastructure alignment.
- Leading organization-wide infrastructure security posture and cloud cost governance as a recognized technical authority.

Platform & Infrastructure Engineer II

Getir | July 2023 – 2025

Organizational Impact & Technical Leadership

- Drove ~30% reduction in organization-wide cloud spend through systematic optimization of compute (CPU architecture migration), EKS clusters, Redis, RDS, MongoDB Atlas, S3, and CDN configurations across 1,000+ microservices.
- Reduced deployment pipeline execution from 45 minutes to 5 minutes; combined with automation and code-review workflow improvements, cut average PR merge time from one week to two days.
- Reduced network-related incidents by more than 50% and hardened infrastructure for burst-traffic resilience through architecture redesign and traffic-flow optimization.
- Cut Mean Time to Resolution (MTTR) for security incidents by 70%; automated mitigation of common attack patterns, eliminating manual intervention for basic threats.

- Led the organization's OAuth2/OIDC authentication migration end-to-end — validated provider implementations against IETF RFC standards, guided engineering teams on adopting RFC-defined methods for compatibility and efficiency, and negotiated responsibility boundaries with cloud vendors to offload authentication load, improving system durability and reducing operational burden across the department.
- Onboarded PCI-DSS regulatory requirements into the organization: performed infrastructure-level changes to meet compliance and re-architected responsibility boundaries to transfer applicable obligations to providers.

Standards, Mentorship & Cross-Team Influence

- Established and maintained infrastructure provisioning, management, and security standards adopted organization-wide — including Terraform/Helm/CDK conventions, naming standards, directory structures, and service-to-service communication patterns.
- Defined and enforced security standards for ingress traffic (WAF rules, CDN policies, load-balancer configurations) across all production environments.
- Improved cross-business agile execution by onboarding collaborative planning standards across Getir's 4 brands — bridging previously siloed planning and delivery processes.
- Mentored a 10-member infrastructure team weekly; provided regular architectural guidance to 2+ additional squads per week and ~5 teams per month across a 300-engineer department.
- Acted as technical topic lead for cloud resource provisioning, cloud & network security, and network optimization — influencing decisions through observations, proposals, and architectural suggestions to engineers, managers, and directors rather than through hierarchical authority.
- Directed network connectivity projects: Cloud-to-Cloud and Cloud-to-OnPrem integrations via Site-to-Site VPN, AWS Direct Connect, and Equinix Fabric with multiple vendor systems.
- Managed end-to-end external-facing projects involving non-tech departments (e.g., SAP, Uber, Facebook integrations), including roadmap planning and task delegation aligned with business goals.

Platform & Infrastructure Engineer

Getir | July 2021 – July 2023

- Enabled a fast-scaling technology organization (1,000+ engineers) to adopt cloud and distributed systems through documentation, presentations, guidelines, and hands-on support.
- Automated load-balancer deployment processes and migrated manual infrastructure setups to AWS CDK with packet-flow logging.
- Built CI/CD pipelines and deployment integrations; managed production release approvals, code reviews, and architectural sign-offs.
- Part of the on-call rotation for outage and security incident management; served as the primary escalation point for day-to-day infrastructure issues (GoTo).

System Administrator

Dijitaller | November 2014 – October 2020

- Migrated on-premises infrastructure to cloud, reducing cost and improving reliability and deployment velocity.
- Maintained LEMP/LAMP stacks; optimized WordPress performance for high-traffic properties.
- Led Turkey Broadband Atlas (internetharitasi.com) — raising public awareness about IPv6 adoption and broadband access, contributing to ISPs testing IPv6 deployment and the government's removal of Fair Use Policy data caps.

NOTABLE PROJECTS & RESEARCH

- **Sandal** — Built a lightweight containerization system (Go) for embedded and low-end devices where standard container runtimes are too heavy and alternatives like LFS/Buildroot demand excessive build effort, reducing the gap between development flexibility and resource-constrained deployment. github.com/ahmetozer
- **Network Research** — Published research on improving degraded or hijacked connections; experiments with global/local IPv6 connectivity, tunneling (WireGuard, FOU, Geneve, SIT), NAT64/DNS64 transition systems, and firewall management (iptables/Netfilter).
- **Embedded Linux** — Building IoT systems with MCUs and SBCs since 2013; developed a custom desktop Linux distribution (Ubuntu-based) and embedded distributions with Buildroot.

EDUCATION

Bachelor of Science in Software Engineering

Bahcesehir University, Istanbul, Turkey

- Capstone: Cost-optimized, lightweight MCU-based embedded system for real-time AI-controlled ball collection over edge-accelerated Kubernetes infrastructure. capstone-project.pages.dev
- Coursework: OOP, Data Structures, DBMS, Software & System Security, HCI, Project Management, Safety Management Systems (Aviation).