

DANIEL-ADRIAN GHERASIM

Cloud Platform & DevOps Engineer | Azure | AKS | Terraform | GitOps | Java Full-Stack

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PROFESSIONAL SUMMARY

Cloud Platform & DevOps Engineer with 4+ years across the software delivery lifecycle, now focused on building and operating secure, highly available cloud-native platforms on Microsoft Azure and AKS. I design GitOps-driven delivery (Azure DevOps, ArgoCD, Helm, Terraform) with end-to-end observability (Prometheus, Grafana, Loki) and hardened secrets and identity (Azure Key Vault, External Secrets Operator, Workload Identity). My full-stack Java / Spring Boot background means I own delivery end to end — from application code to the platform it runs on. Recently reduced non-production compute cost by over 50% and the overall AKS node footprint by ~40% (44 to 26 nodes) through request right-sizing and cluster autoscaling, with no loss of reliability.

CORE TECHNICAL SKILLS

Cloud & Platform	Microsoft Azure (AKS, ACR, Key Vault, Service Bus, Azure Monitor), Workload & Managed Identity, Private Link, VNet / NSG, High Availability, Scalability
Kubernetes & Containers	Kubernetes, AKS, Docker, Helm, NGINX Ingress, cert-manager, HPA, Cluster Autoscaler, liveness / readiness probes, resource governance
IaC & Automation	Terraform, Helm, GitOps, Bash, PowerShell, Linux, environment standardization
CI/CD	Azure DevOps, GitLab CI/CD, ArgoCD, Git — automated build, test, and release
Observability & SRE	Prometheus, Grafana, Loki, alerting & dashboards, SLI / SLO, incident response, MTTR reduction, on-call
Security & DevSecOps	Azure Key Vault, External Secrets Operator, Keycloak (SSO / OAuth2 / OIDC), Microsoft Identity, RBAC / IAM, least-privilege access
Backend	Java 8 / 11 / 17, Spring Boot, Quarkus, Hibernate, REST APIs, Microservices, asynchronous messaging (Service Bus)
Frontend	Angular, React, TypeScript (working knowledge)
Databases	PostgreSQL, Oracle, MariaDB, MongoDB, SQL

PROFESSIONAL EXPERIENCE

DevOps & Platform Engineer — BeeNear (promoted from Full Stack Engineer) Remote | Aug 2025 - Present

- Designed and operate Azure + AKS platforms running production microservices across 5 clusters spanning EU and US regions (dev, test, staging, production), standardizing how the team provisions and runs infrastructure.
- Right-sized Kubernetes requests / limits and enabled HPA + cluster autoscaling, cutting the AKS fleet from 44 to 26 nodes — over 50% on non-production (16→6) and ~30% on staging / production (28→20) — with no regression in reliability or availability.
- Migrated platform infrastructure to a GitOps model with ArgoCD and Helm, reconciling cluster state from Git for auditable, rollback-safe changes and repeatable environment provisioning.
- Built and operate Azure DevOps CI/CD pipelines that automate build, test, containerization, and deployment, eliminating manual release toil and standardizing releases across environments.
- Hardened secrets and identity with Azure Key Vault, External Secrets Operator, Workload / Managed Identity, and RBAC, removing static credentials from the cluster and strengthening cloud security posture.
- Introduced the platform's first end-to-end observability stack (Prometheus, Grafana, Loki) where no monitoring previously existed, adding alerting and dashboards that enabled proactive incident detection and faster resolution.

Software Engineer — MIND CTI Full Stack & Cloud-Native Applications Iasi, Romania (Hybrid) | Mar 2022 - Aug 2025

- Prepared microservices for cloud migration by authoring Helm charts and Kubernetes manifests and contributing to GitLab CI/CD — the hands-on platform work that drove my move into DevOps.
- Designed secure REST APIs (Java 17, Spring Boot, Quarkus, Hibernate) with OAuth2, enabling maintainable, secure service integrations.
- Developed cloud-native microservices (Java 17, Quarkus), containerized with Docker and integrated with Microsoft Graph.
- Implemented SSO, authentication, and authorization across distributed services using Keycloak, Microsoft Identity, OAuth2, and OIDC.
- Built React / Redux web applications on Spring Boot back-ends and a cross-platform React Native app shipped to iOS and Android, across Oracle / PostgreSQL / MariaDB data tiers in Agile teams.

KEY PROJECT

Cloud-Native GitOps Platform on Azure (AKS) — M.Sc. Thesis / portfolio build · github.com/devdanielgherasim 2025

- Designed an end-to-end GitOps reference platform deploying microservices to AKS across dev, staging, and production with high availability and horizontal scalability (designed solo; code public).
- Provisioned infrastructure as code with Terraform; automated GitLab CI/CD with plan / apply, Docker builds, and push to Azure Container Registry.
- Delivered continuously via ArgoCD and Helm; secured with Keycloak (SSO / RBAC), External Secrets + Azure Key Vault, cert-manager TLS, and NGINX Ingress.
- Implemented full-stack observability (Prometheus, Grafana, Loki) with elastic scaling via HPA and cluster autoscaling.

EDUCATION

M.Sc., Distributed Systems & Web Technologies
Gheorghe Asachi Technical University of Iasi | 2023-2025

B.Sc., Computer Engineering
Stefan cel Mare University of Suceava | 2019-2023

LANGUAGES

English - Professional Working Proficiency | Romanian - Native

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

LinkedIn Learning & Microsoft (2026): Microsoft Azure Essentials - Professional Certificate (Microsoft x LinkedIn) | Kubernetes: GitOps with ArgoCD | GitOps Foundations | DevOps Foundations: Infrastructure as Code | DevOps Foundations: Incident Management | Kubernetes: Service Mesh with Istio | Securing Containers & the Kubernetes Ecosystem | Software Architecture Foundations | Scrum: Advanced