

Daniel Adrian

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DevOps Engineer | Full Stack Developer

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PROFESSIONAL SUMMARY

DevOps Engineer with 4+ years across software engineering and cloud-native platform work, now focused on designing, operating, and securing systems on Microsoft Azure and Kubernetes (AKS). Build and maintain Azure DevOps CI/CD pipelines and GitOps delivery (ArgoCD, Helm) with Prometheus and Grafana observability. Drove up to 50% infrastructure cost reduction through resource tuning and scaling strategies, and hardened platform security using Azure Key Vault, External Secrets, and Azure-native controls. Full-stack development background in Java / Spring and modern front-end (React, Angular) — bridging development and operations end-to-end.

TECHNICAL SKILLS

Cloud & Infrastructure

Microsoft Azure (AKS, ACR, Key Vault, Service Bus), Kubernetes, Docker, Helm, Terraform

CI/CD & GitOps

Azure DevOps, GitLab CI, ArgoCD, Git; automated builds, testing, and releases

Observability & Reliability

Prometheus, Grafana, Loki, alerting and dashboards; HPA, cluster autoscaling, NGINX Ingress, cert-manager, high availability

Security & Secrets

Azure Key Vault, External Secrets Operator, Keycloak (SSO / OAuth2 / OIDC), RBAC, Microsoft Identity, TLS with cert-manager

Backend

Java 8 / 11 / 17, Spring Boot, Quarkus, Hibernate ORM, REST APIs, async messaging (Service Bus)

Frontend

React, Redux, Angular, Next.js, TypeScript, React Native

Databases

MongoDB, PostgreSQL, Oracle, MariaDB

Methodologies

Agile / Scrum, GitOps, Infrastructure as Code, Trunk-Based Development

PROFESSIONAL EXPERIENCE

DevOps Engineer — BeeNear · Remote

Feb 2026 — Present

- Design and manage Azure-based cloud infrastructure, ensuring high availability, scalability, and security across environments.
- Drove up to 50% reduction in infrastructure costs through resource tuning, autoscaling strategies, and cluster optimization.
- Hardened platform security with Azure Key Vault, External Secrets, and Azure-native identity and access controls.
- Built and maintain CI/CD pipelines in Azure DevOps, enabling automated and reliable build, test, and deployment workflows.
- Deploy and operate containerized applications on Kubernetes (AKS) with Docker and Helm, delivered via GitOps using ArgoCD for consistent, auditable rollouts.
- Implemented observability with Prometheus and Grafana, improving system visibility and incident response.
- Improve system performance and reliability through proactive monitoring, troubleshooting, and optimization.

Full Stack Developer — BeeNear · Remote

Aug 2025 — Feb 2026

- Developed features across Angular front-end and Spring Boot microservices, delivering production-ready solutions in cloud-native environments.
- Performed Java and Spring Boot upgrades following semantic versioning, ensuring backward compatibility and system stability.
- Refactored and modernized Spring Data REST configurations to improve API consistency and maintainability.
- Optimized API and microservices performance, improving response times and system efficiency.
- Tuned Kubernetes workloads — resource requests/limits and liveness/readiness probes — for reliability and predictable performance.

Software Engineer — **MIND CTI** · Iasi, Romania ·

Mar 2022 — Aug 2025

Hybrid

- Built dynamic web applications with React and Redux, integrated with Java (Spring Boot) back-end services.
- Delivered a cross-platform mobile application using React Native for iOS and Android.
- Designed and implemented RESTful APIs with OAuth-based authentication for secure user access.
- Developed Spring Boot and Quarkus microservices (Java 17, Hibernate), containerized with Docker and integrated with Microsoft Graph.
- Contributed to CI/CD with GitLab CI and Kubernetes / Helm deployments, gaining hands-on exposure to the infrastructure layer that shaped my DevOps focus.
- Implemented authentication and authorization with Keycloak and Microsoft Identity across distributed services.
- Maintained automated tests with Vitest (front-end) and Mockito (back-end) to protect release quality.
- Worked with Oracle, PostgreSQL, and MariaDB data tiers in Agile teams.

FEATURED PROJECT — MASTER'S THESIS

Cloud-Native DevOps Infrastructure on Azure *Automated GitOps Pipeline for Kubernetes Microservices*

- Designed and implemented an end-to-end automated DevOps pipeline deploying microservices into Azure Kubernetes Service (AKS) across dev, staging, and production, targeting high availability and horizontal scalability.
- Provisioned infrastructure as code with Terraform for repeatable, auditable deployments across environments.
- Automated CI/CD in GitLab CI — infrastructure validation and plan/apply, Docker image builds, container vulnerability scanning, and push to Azure Container Registry.
- Implemented GitOps delivery with ArgoCD and Helm, continuously reconciling cluster state with Git-defined desired state for auditable, rollback-friendly deployments.
- Secured the platform with Keycloak (SSO / RBAC), External Secrets integrated with Azure Key Vault, cert-manager for automated TLS, and NGINX Ingress for HTTPS routing.
- Enabled observability with Prometheus, Grafana, and Loki (deployed via Helm), shortening time-to-detect and streamlining incident triage.
- Achieved elastic scaling via Kubernetes Horizontal Pod Autoscalers and cluster autoscaling, balancing availability with cost efficiency.

EDUCATION

Master's Degree in Distributed Systems and Web Technologies

Oct 2023 — Jul 2025

[Gheorghe Asachi Technical University of Iasi, Romania](#)

Thesis: Cloud-Native DevOps Infrastructure on Azure — GitOps pipeline, IaC, and observability for Kubernetes microservices.

Bachelor's Degree in Computer Engineering

Oct 2019 — Jul 2023

[Stefan cel Mare University of Suceava, Romania](#)

ADDITIONAL

Languages: English (Professional), Romanian (Native)