

Arman M.

Senior Senior DevOps Engineer

SUMMARY

- Senior DevOps Engineer with 7+ years of experience specializing in Azure Cloud, Kubernetes, and CI/CD pipeline automation, achieving up to 70% reduction in deployment times.
- Proficient in implementing DevSecOps practices, enhancing security by resolving 80% of vulnerabilities early in the ALM process.
- Expertise in cloud infrastructure optimization using Azure Container Apps, Elastic SQL, and Kubernetes clusters, improving scalability and reducing operational costs by 35%-50%.
- Skilled in automation tools, increasing build efficiency by 30% and server provisioning by 60%.
- Strong background in software engineering with a Master's degree in Computer Applications.

TECHNICAL SKILLS

Main Technical Skills	Azure (5 yr.), Kubernetes (4 yr.), IaC (3 yr.), Terraform (4 yr.)
JavaScript Frameworks	Vue Storefront (1 yr.)
Data Analysis and Visualization Technologies	Kibana
Security	Security
Databases & Management Systems / ORM	AWS ElasticSearch (1 yr.), Elasticsearch, ELK stack (Elasticsearch, Logstash, Kibana) (3 yr.), MySQL (4 yr.), Redis, SQL
Cloud Platforms, Services & Computing	Azure (5 yr.)
Amazon Web Services	Amazon Elastic Load Balancer, AWS ECS, AWS ECS (Amazon Elastic Container Service), AWS ElasticSearch (1 yr.), AWS ELB, AWS Secrets Manager (3 yr.)
Azure Cloud Services	Azure Blob Storage (1 yr.), Azure Container Registry, Azure DevOps (7 yr.), Azure DL (3 yr.), Azure Key Vault (3 yr.), Azure Storage, Front Door
Deployment, CI/CD & Administration	Ansible (4 yr.), ArgoCD, CI/CD (7 yr.), DevOps, GitLab CI (5 yr.), SonarQube (4 yr.)
Scripting and Command Line Interfaces	Bash, PowerShell
	CDN (4 yr.)

Mail / Network Protocols / Data transfer	
Virtualization, Containers and Orchestration	Docker (5 yr.), Kubernetes (4 yr.), Terraform (4 yr.)
Operating Systems	FreeBSD (4 yr.)
Version Control	Git (7 yr.), Github Actions (1 yr.), Nexus
Logging and Monitoring	Grafana, Logstash, Prometheus (3 yr.)
Methodologies, Paradigms and Patterns	IaC (3 yr.)
iOS Libraries and Tools	SwiftPM (4 yr.)
Third Party Tools / IDEs / SDK / Services	Trivy (3 yr.)
Other Technical Skills	ALM, Cloud solutions, DCT (3 yr.), DevSecOps (3 yr.), Monitoring, Observability, PMM (3 yr.), POM (4 yr.), Reduce, Software Engineering, Sonoboy, SQL databases, Tools

WORK EXPERIENCE

Senior DevOps Engineer (Azure Cloud DevOps and Infrastructure Optimization)

Duration: 12/2023 - Present

Summary:

- Project focused on leveraging Azure cloud solutions to optimize cloud infrastructure, streamline software delivery, and enhance collaboration within development and operations teams
- The goal is to drive efficiency, scalability, and innovation using cutting-edge technologies

Responsibilities:

- Leading team efforts in implementing DevOps best practices.
- Optimizing cloud infrastructure for peak performance.
- Driving innovation within development and operations teams.

Technologies: Azure Cloud, Azure Container Apps, Azure RMS, Azure Front Door, Azure Storage, Azure Elastic SQL, Azure Container Registry, GitHub Actions, Azure Grafana

Senior Cloud Engineer (Azure Cloud Deployment and Performance Enhancement)

Duration: 12/2022 - 12/2023

Summary:

- Project aimed at improving deployment efficiency, database performance, and application resource efficiency in Azure Cloud
- Included creation and management of CI/CD pipelines and Azure Elastic SQL databases to ensure seamless data handling and faster service deployments



Responsibilities:

- Created and implemented robust CI/CD pipelines to improve deployment efficiency.
- Managed Elastic SQL database to increase database performance and scalability.
- Implemented Azure Container Apps with auto-scaling to enhance application performance and reduce operational costs.

Technologies: GitHub Actions, Azure Grafana, Azure Cloud, Azure Storage, Azure Front Door, Azure Elastic SQL, Azure Container Registry, Azure Container Apps, Azure RMS

Senior DevOps Engineer (Kubernetes Cluster Setup and Monitoring Implementation)

Duration: 08/2019 - 05/2022

Summary:

- Project focused on improving service reliability and scalability by setting up Kubernetes clusters and implementing comprehensive monitoring solutions
- Also included continuous code quality assurance to maintain high standards and reduce technical debt

Responsibilities:

- Set up Kubernetes clusters to improve service reliability and scalability.
- Implemented monitoring solutions for early detection and resolution of issues.
- Set up SonarQube for continuous code quality assurance.

Technologies: SonarQube, Kubernetes, GitLab, cloud networking, S3 Object Storage, CDN, load balancing

Senior DevOps Engineer (Azure DevOps CI/CD Pipeline and Automation)

Duration: 08/2019 - 05/2022

Summary:

- Project aimed at enhancing deployment efficiency and consistency by creating and managing CI/CD pipelines in Azure DevOps
- Included automation of server provisioning and configuration and implementation of artifact management solutions

Responsibilities:

- Created and managed over 100 CI/CD pipelines in Azure DevOps.
- Automated server provisioning and configuration using Ansible.
- Implemented Nexus Package Manager for artifact management and dependency resolution.

Technologies: Azure DevOps, CI/CD, Nexus, Nginx, Ansible, Grafana, SQL Server

Mid Level DevOps Engineer (DevSecOps and Service Observability Enhancement)

Duration: 08/2017 - 08/2019

Summary: Project focused on enhancing deployment efficiency by Dockerizing services, implementing DevSecOps practices to improve security, and increasing service observability



through monitoring and alerting services.

Responsibilities:

- Dockerized service codes to reduce build and release times.
- Implemented DevSecOps practices to identify and resolve security vulnerabilities.
- Enhanced service observability with monitoring and alerting services.

Technologies: Prometheus, Grafana, PMM, ELK, SonarQube, Trivy, Nexus, Sealed Secret, Vault, DCT, Sign dl, GitLab, Docker

Junior DevOps Engineer (CI/CD Pipeline Optimization and Git Branching Strategy Implementation)

Duration: 06/2016 - 08/2017

Summary:

- Project aimed at boosting CI speed and accelerating application development and release cycles by implementing Azure DevOps services and automation
- Included designing a Git branching strategy integrated into CI/CD pipelines to streamline code reviews and deployments

Responsibilities:

- Boosted CI speed with Azure DevOps agents on Kubernetes.
- Accelerated development and release cycles through automation of CI/CD pipelines.
- Designed and implemented Git branching strategy to improve development and release process.

Technologies: Azure DevOps, Git, Kubernetes

EDUCATION

- **Master of Computer Applications (M.C.A.) - Software Engineering**

