

Abhishek Jha

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Professional Summary

DevOps Engineer | 3.7+ Years in Cloud & Automation

Expert in **Azure/AWS, CI/CD (Jenkins/ArgoCD), Kubernetes, Docker, and Terraform.**

Built **scalable cloud infrastructures**, reduced deployment time by **40%**, and achieved **99.9% uptime** for production systems. Strong in **Python/Shell scripting, monitoring (Grafana/Prometheus), and troubleshooting.**

Technical Skills

- **Cloud:** Azure, AWS (EC2, S3, EKS, Lambda)
- **CI/CD:** Jenkins, Argo CD, GitHub Actions
- **Containers:** Docker, Kubernetes (AKS/EKS), Helm
- **IaC:** Terraform, ARM Templates
- **Monitoring:** Grafana, Prometheus, Azure Monitor
- **Scripting:** Python, Bash/Shell
- **OS:** Linux (Ubuntu/CentOS), Windows Server

Professional Experience

Tech Mahindra | Noida, India

DevOps Engineer | Sep 2021 – Present

Key Projects & Achievements

1. Automated CI/CD Pipeline for Microservices (2023)

- Built a **Jenkins pipeline** to deploy **10+ microservices** on **Kubernetes (AKS).**
- Reduced **manual deployment time by 40%** using **Docker + Helm charts.**
- Integrated **SonarQube** for code quality checks, reducing bugs by **25%.**

2. Cloud Cost Optimization (2022)

- Automated **AWS EC2 scheduling** using **Python + Lambda**, saving **\$8k/year.**

- Rightsized **Azure VMs** using **Azure Cost Analysis**, cutting costs by **20%**.

3. High-Availability Monitoring System (2022)

- Deployed **Grafana + Prometheus** to monitor **50+ VMs**, reducing **MTTR by 30%**.
- Set up **Slack alerts** for critical incidents, improving response time by **50%**.

4. Kubernetes Cluster Migration (2021)

- Migrated **on-prem apps to Azure AKS** using **Terraform**, achieving **zero downtime**.
- Automated **K8s scaling** based on CPU usage, improving performance by **35%**.

Personal Projects

1. Automated AWS EKS Deployment with GitOps (2024)

- Designed a **GitOps workflow** using **Argo CD + Helm** to deploy apps on AWS EKS.

2. Terraform Multi-Cloud Deployment (2023)

- Provisioned **AWS + Azure resources** using a single Terraform codebase.

3. Serverless URL Shortener (2022)

- Built with **AWS Lambda + API Gateway**, handling **1M+ monthly requests**.

Certifications

- **Microsoft Azure Fundamentals (AZ-900)**
- **Tech Mahindra Ninja Certification**

Education

B.Tech in Computer Science

Rajasthan Technical University | **2016 – 2020**