

MOHIT MAHENDRA SINGH

Technical Lead | DevOps & Cloud Architect | Automation

11+ years of IT Experience, includes 7+ years as DevOps Cloud Expert facilitating Agile and Lead practices over Microservices, App Deployment & Infra Upgrades, Scaling, and Optimizing mission-critical deployments.

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[MY WEBSITE](#)

[LINKEDIN](#) | [GITHUB REPO](#) | [STACKOVERFLOW](#)

[CLIENT & MANAGER RECOMMENDATIONS](#)

TECHNICAL SKILL

• AZURE • AWS | GIT • GITHUB ACTIONS • AZURE DEVOPS • JENKINS | • TERRAFORM • BICEP | • SAST & DAST TOOL | • DOCKER • KUBERNETES • ARGO CD • HELM CHARTS | • OPEN TELEMETRY • NEW RELIC • PROMETHEUS | POWERSHELL • BASH • PYTHON | • LINUX • SERVICE NOW •

EXPERIENCE

Technical Lead – DevOps & Cloud Architect

Tech Mahindra Ltd.



06/2022 – Present



Nagpur, MH

- Designed, implemented, and managed CI/CD pipelines utilizing **GitHub Actions**, **Azure DevOps** for Microsoft **Azure & AWS** Infrastructure.
- Experience in creating **Docker images** and containers and push the images into **ACR & EKC Registries**.
- Implemented deployment strategies** for multiple applications, including **Rolling Updates** and **Canary** deployments in **Elastic Kubernetes Service (EKS)**. Created POC on **Blue-Green strategy** as well.
- Automated** repetitive tasks using Infrastructure as Code (IaC) principles with tools like **Terraform**, and **Helm charts**.
- Utilized **Python & Shell scripting** for automation of ad hoc and maintenance tasks.

Technical Lead – DevOps & Cloud

Wipro Ltd.



12/2021 – 05/2022



Pune, MH

- Provisioned AWS infrastructure** using **CloudFormation** templates and deployed applications on **ECS**, **LightSail**, and **EKS**.
- Created a fully automated CI/CD pipeline in **Jenkins** to continuously build, test artifacts, and trigger deployments on pull requests.
- Developed **Grafana** dashboards to visualize **Prometheus metrics**, offering insights into application performance.
- Integrated AWS services (**EC2**, **VPC**, **RDS**, **S3**, **Load Balancer**, **ECR**) for scalable cloud infrastructure management.
- Utilized **Bash scripting** for build automation, deployment, and maintenance tasks.

Project Manager - DevOps

Pactera Edge



07/2018 – 11/2021



Hyderabad, TG

- Provisioned infrastructure on **Azure Landing Zones** with **ARM templates**.
- Built complex pipelines using **Azure DevOps** and **managed AKS** workloads with **robust ingress configurations**.
- Handled **Azure Key Vault**, **Service Bus**, **AKS**, and **resource quota management**.

Senior Consultant

Capgemini Ltd.



07/2013 – 06/2018



Pune, MH/ Budapest, HU

- Configured **Jenkins CI/CD pipelines** and **managed infrastructure** as code.
- Delivered cloud infrastructure solutions using **AWS** services (**EC2**, **ELB**, **RDS**, **Route 53**, etc.).
- Led a 15-member deployment team** for global operations including deployment, documentation, incident management, problem and change management.

CERTIFICATION

- ❖ [AZ-900 Azure Fundamentals by Microsoft](#)
- ❖ [CLF-C01 Cloud Practitioner by AWS](#)
- ❖ [ITIL Foundation Certificate: GR750194063MS](#)
- ❖ [New Relic Performance Pro Certified](#)

KEY ACHIEVEMENTS

- ❖ Designed and delivered a CI/CD pipeline on GitHub Actions for non-production environments within three weeks.
- ❖ Built a high-performing offshore L3 support team of 12+ members, independently managing critical operations for 3 months.
- ❖ Engineered a seamless data sync solution from NAS (On-Prem) to Azure Cloud via a jump server- [Detailed Link](#)
- ❖ Automated Robot Framework tests for 2000 cases, enabling adoption across 10+ applications.

SOFT SKILL

- Leadership & Innovation • Multitasking & Prioritization • Troubleshooting & Problem Solving • Collaboration & Strategic Planning

EDUCATION

B.E. in Electronics & Telecommunication – [Nagpur University \(2006–2008\)](#) – 70%

Post Graduate Diploma in IT Management – [Symbiosis International \(Part-Time\) \(2014–2016\)](#) – 70%

AWARDS

- ❖ Digital Warrior Q1 2023: DevSecOps solutions using GitHub Actions.
- ❖ Go the Extra Mile Q3 2021: Built a team of 15 from scratch.
- ❖ Star Performer Q4 2018: Delivered target deployments in UK and Germany.
- ❖ Pat on the Back 2015/2017: Consistently met SLAs on critical assignments.

ONSITE EXPERIENCE

2 years in Hungary, Europe for Go-Live Production of UK, Poland & Germany.