

MOHIT MAHENDRA SINGH

Technical Lead | Senior DevOps & Cloud Engineer | 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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[LINKEDIN](#) | [GITHUB REPO](#) | [STACKOVERFLOW](#)
[CLIENT & MANAGER RECOMMENDATIONS](#)

TECHNICAL SKILL

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

EXPERIENCE

Technical Lead – DevOps & Cloud

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** global region **infrastructure** efficiently with **Azure ARM Templates** on **Azure Landing Zone**.
- Demonstrated adeptness with foundational development tools and crafting complex **pipelines** using **Azure DevOps**.
- Proficiently created images and containers, orchestrated PODs, and maintained services and ingress using Azure Kubernetes Service.
- Managed various Azure resources including **Key Vault**, **Resource Group**, **Service Bus**, **Containers**, **AKS**, **access policies**, **secrets**, **quota creation**, and **Pinning**.

Senior Consultant

Capgemini Ltd.

07/2013 – 06/2018

Pune, MH/ Budapest, HU

- Experience in **installing and configuring Jenkins master and worker nodes**. Built CI/CD pipeline and managing the infrastructure as code.
- Responsible for managing source code and compiling using **Maven**.
- Worked on Amazon Web Services (**EC2**, **ELB**, **VPC**, **S3**, **CloudFront**, **IAM**, **RDS**, **Route 53**, **CloudWatch**).
- Managed deployment team of 15 members for working in all shifts.

CERTIFICATION

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

KEY ACHIEVEMENTS

- ❖ Successfully built client confidence to manage critical work independently for 3 months, while simultaneously establishing a high-performing offshore L3 Support team of 12+ members from the ground up
- ❖ Provided a breakthrough solution on Sync data and files from NAS(OnPrem) to JUMP Server to Azure Cloud - [Detailed Link](#)
- ❖ Designed & Delivered end to end CI CD pipeline for Non-Prod Env to the customer on Github Action + Azure within three weeks learning.
- ❖ Set up an automation pipeline with Github Actions to run 2000 Robot Framework test cases and share reports, enabling adoption across 10+ applications.

SOFT SKILL

- Leadership Qualities • Innovation & Troubleshooting • Multitasking & Prioritizing • Collaboration & Planning • Consumer decision making

EDUCATION

B.E. in Electronics & Telecommunication [2006-2008], Nagpur University – 70%.

Post Graduate Diploma in IT Management [2014-2016], SCDL, Symbiosis International (Deemed University) (Part time) – 70%.

AWARDS

- ❖ “Digital Warrior Q1 2023” for providing end to end solutions of DevSecOps using Github Action.
- ❖ “Go the Extra Mile Q3 2021” to create a team of 15 from scratch.
- ❖ “Star Performer Q4 2018” for meeting the target deliveries of client and deployed APP in UK & Germany Region
- ❖ “Pat on the Back 2015/2017” for regular assignments given to me without losing any SLA.

ONSITE EXPERIENCE

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