**Mohit M Singh**

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**Summary**

**10+ years of IT Professional experience**, including **6+ years** of expertise **in DevOps Cloud**, facilitating Agile and Lead practices over **Microservices, Application Deployment & Infrastructure Upgrades, Scaling, and Optimizing mission-critical deployments** over large infrastructures. **Worked as on-site** consultant from Europe for consecutive 2 years and successfully participated in Go-Live Production for multiple regions.

**Skill**

**Language/Scripting:** Powershell, Bash Shell, Python

**Tools:** Azure DevOps, GitHub Actions, Jenkins, SAST scanning Tool like Sonarqube, codeql, GIT, JFrog Artifactory, Jira

**Cloud Platform:** Microsoft Azure (AZ), Amazon Web Services (AWS), Cloud Foundry

**Infra as a Code:** Terraform, Python Boto, Azure Biceps

**Observability**: OpenTelemetry, Dynatrace, ELK

**Container Orchestration:** Docker, Kubernetes (k8s), Helm, ArgoCD, Amazon Elastic Kubernetes Service (EKS), ECS, Google Kubernetes Engine

**Education**

**RTM Nagpur University, Nagpur** July 2008 – May 2012

B.E in Electronics & Telecommunication Percentage: 70%

**Correspondence (Symbiosis Centre of Distance Learning, Pune)** July 2014 – May 2016

Post Graduate Diploma in IT Management Percentage: 70%

**Experience**

**Tech Mahindra, Nagpur** June 2022 – till date

Technical Lead

* Migration of a monolithic application to microservices running on Kubernetes for AWS.
* Setup of Kubernetes services on AWS with Route53
* Setup of ECS to store the developed microservices in Docker containers.
* Use of Docker Compose as local development environment.
* Development of multiple Docker containers, each one running angular, Java Application Deployment of such containers to Kubernetes Pods.
* Setup of Kubernetes nodes with CoreOS for GPU Nvidia using cloud-config.
* Setup of Open telemetry, ELK (Elasticsearch, Fluentd & Kibana) on Kubernetes
* Deployment of ConfigMaps, Secrets and Volumes on Kubernetes
* Documentation with Markdown

**Wipro Ltd., Pune** Dec 2021 – May 2022

Technical Lead

* Managed a DevOps team of over 15 members to complete the migration of 25+ applications to Pivotal Cloud Foundry and AWS.
* Migrated .Net & angular Application from on premise to Azure Web Application Service
* Leveraged Jenkins and Azure DevOps Pipelines for seamless transitions across diverse applications, including .Net Core, Java, Angular, and static web applications.
* Skilled in analyzing complex build, release, and deployment processes, writing YAML scripts for automation, and deploying ASP.NET Core MVC projects using Docker on Elastic Container Services.
* Proficient in security and code quality tools such as SonarQube, Black Duck, and Checkmarx.

**Pactera Edge, Hyderabad** Jul 2018 – Nov 2021

Project Manager - DevOps

* 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.
* Managed various Azure resources including Key Vault, Resource Group, Service Bus, Containers, AKS, access policies, secrets, quota creation, and Pinning.

**Capgemini, Pune/Budapest** Jul 2013 – Jun 2018

Senior Consultant

* Automation of Unix Admin tasks developing Bash scripts
* Use of ServiceNow and Kanban for incident management, change control and task management.
* Development of chef cookbooks with Jenkins for automation, CI/CD of managed products and related services
* Use of Github Enterprise and Git for control version and repository management.
* Worked on Amazon Web Services (EC2, ELB, VPC, S3, CloudFront, IAM, RDS, Route 53, CloudWatch).
* Experience in Apigee Middleware, SQL & No-SQL database server, RabbitMQ.

**Certification**

[**2021 AZ-900 MS Certified: Azure**](https://www.credly.com/badges/e0393bb7-c513-4a80-a20f-dafd69215ba4/public_url)[**Fundamentals**](https://www.credly.com/badges/e0393bb7-c513-4a80-a20f-dafd69215ba4/public_url) [**2022 CLF-C01 AWS Certifies: Cloud Practitioner**](https://www.credly.com/go/RDTttkAYjTldPxowwCek6Q)

[**ITIL Foundation Certificate: GR750194063MS**](https://www.linkedin.com/in/mohititsector/detail/overlay-view/urn:li:fsd_profileTreasuryMedia:(ACoAAArvgocB0oXeyJ485rbHEtmDfXM2wHbp548,1635465515139)/) **New Relic Performance Pro Certified**

**Awards**

*“Digital Warrior” Award 2023 for providing end to end solutions of DevSecOps using Github Action standalone.*

*“Go the Extra Mile” Award 2021 for provided quick solution to a high severity incident.*

*“Star Performer” Award 2018 for meeting the target deliveries of client and deployed APP in UK & Germany Region*

*“Pat on the Back” in 2015/2017 for regular assignments given to me without losing any SLA.*

**Hobbies**

*Travelling, Video Editing, Playing Guitar*

**Personal Details**

**Birth Year:** 1990

**Language**: English, Hindi

**Marriage Status**: Married

**Address:** 201, Gayatri Nagar, Nagpur, Maharashtra, 440022