

# SWAPNIL MAHAJAN

DEVOPS ENGINEER

PHONE | (+91) 7875551291  
EMAIL | swapnil.mahajan9299@gmail.com  
LOCATION | Pune, INDIA  
EXPERIENCE | 2 Years 1 Month

## Key Skills

- AWS
- Azure
- DevOps
- GIT
- Github
- Jenkins
- Terraform
- Docker
- Kubernetes
- Prometheus
- Grafana
- Cloud Computing
- Amazon Cloudwatch
- Amazon Ec2
- Amazon Vpc
- Ci/Cd
- Container
- Eks
- Iac Tools
- Vnet
- Application Load Balancing
- Auto Scaling

## Profile Summary

2x AWS Certified | Immediate Joiner | I have 2 years of experience at NSEIT (National Stock Exchange IT) with a strong skill set in AWS (EC2, VPC, S3, DynamoDB, Cloudwatch | DevOps (Git, Github, Terraform, Jenkins, Docker, Kubernetes, Prometheus, Grafana ) | Azure (VM, VNET, Storage [Blob Storage, File Storage], RDS, VPN, Azure Monitor).

## Work Experience

### DevOps Engineer

National Stock Exchange (NSE)

03/2022 - 04/2024

- Dedicated and detail-oriented Junior Engineer with 2 years of experience in designing, implementing, and maintaining scalable infrastructure solutions.
- Proficient in AWS (EC2, VPC, S3, DynamoDB, Cloudwatch | DevOps (Git, Github, Terraform, Jenkins, Docker, Kubernetes, Prometheus, Grafana ) | Azure (VM, VNET, Storage [Blob Storage, File Storage], RDS, VPN, Azure Monitor).
- Seeking to leverage my skills and experience to contribute to a dynamic team in a challenging and growth-oriented environment.

## Education

### B.Tech/B.E. - Computers

2018

JSPM's Jayawantrao Sawant college of Engineering,  
Pune

## Projects

## Languages

- English
- Hindi
- Marathi

## Hobbies

- Exploring AI & ML Use Cases In Cloud
- Playing Chess
- Traveling And Exploring New Places

## Extra curricular activities

- Learning New Skills Through Online Courses

## Social links

- [www.linkedin.com/in/swapnil9299](https://www.linkedin.com/in/swapnil9299)

## High-Performance & Scalable AWS Cloud Infrastructure for Trading Platform

18 Months

- Reduced trading latency by 30% by optimizing networking and compute resources.
- Achieved 99.99% uptime with auto-healing infrastructure.
- Designed and deployed VPC, EC2, RDS, S3, ALB, and Auto Scaling to handle fluctuating trading volumes.
- Automated infrastructure provisioning with Terraform.
- Implemented CloudWatch and Prometheus-Grafana for real-time monitoring and alerting.

## DevOps Implementation for Trading Platform

12 Months

- Reduced deployment time by 60% with automated pipelines.
- Improved system stability by 40% with proactive monitoring and auto-healing mechanisms.
- Built CI/CD pipelines using Jenkins for seamless deployments.
- Implemented Docker and Kubernetes (EKS) for containerized application deployments.
- Developed Infrastructure as Code (IaC) using Terraform.
- Integrated Prometheus & Grafana for performance monitoring and alerting.

## Azure-Based Trading Platform Infrastructure

6 Months

- Created and managed Azure Virtual Machines and Storage.
- Configured and deployed Azure Virtual Networks (VNet) to enable secure communication between cloud resources.
- Implemented Azure Load Balancers to distribute traffic across multiple Virtual Machines for high availability and performance.
- Monitored system performance using Azure Monitor and Log Analytics.