# Mishal Yadav

## Senior DevOps Engineer | Cloud Automation | CI/CD Specialist

📞 +91 7827446872 (💬 whatsapp)   @ mishal2875@gmail.com   🔗 linkedin.com/in/mishal-yadav-devops/
🔗 https://mishu-techaws.github.io/ai-powered-resume/   📍 Delhi, India   📅 28/08/1995   🏳 Indian

## SUMMARY

- Senior DevOps Engineer with 7 years of experience architecting scalable cloud infrastructures using AWS, Kubernetes, and Terraform. Spearhead automation through GitLab CI/CD pipelines and container orchestration, achieving 99.9% availability and 20% cost reduction. Utilize strong Python skills to integrate AI technologies such as large language models and AWS Bedrock, streamlining AI-driven deployment workflows. Holds certifications in AWS, GCP, and Azure, focused on driving secure, efficient cloud transformation to support business objectives.

## EXPERIENCE

### Devops Engineer

**Enboarder LLC**

📅 03/2023 - Present   📍 Noida

A company specializing in employee onboarding solutions

- Managed AWS cloud infrastructure lifecycle, maintaining 99.9% system uptime and reducing costs by 20%.
- Orchestrated containerized workloads on Amazon EKS and Docker, integrating with ECS for optimized microservice performance.
- Executed CI/CD pipelines with GitLab CI and automated provisioning using Terraform,, Ansible and AWS CloudFormation, achieving 100% successful deployments and reducing time by 30%.
- Developed custom scripts in Python and Golang, enhancing operational efficiency and building serverless REST APIs with AWS Lambda.
- Executed security audits and vulnerability assessments using tools like Wiz and AWS GuardDuty, applying comprehensive best practices for cloud security.
- Monitored and optimized cloud resources utilizing AWS CloudWatch, Prometheus, and Grafana.
- Deployed AI services on Amazon EKS with Bedrock, improving performance by 10% through resolving throttling issues and fine-tuning responses.

### Devops Engineer

**Accenture Solutions Pvt Ltd**

📅 01/2022 - 02/2023   📍 Bengaluru

A global professional services company known for its consulting and technology services

- Implemented end-to-end CI/CD pipelines using GitLab CI for faster release cycles
- Engineered multi-cloud containerized environments on **EKS, AKS, and GKE**
- Automated infrastructure provisioning with Terraform, reducing creation time by 50%
- Designed and deployed scalable cloud solutions achieving 99.9% system uptime
- Developed custom Python and Golang scripts to automate daily operational tasks

### Cloud Infrastructure Engineer

**Tata Consultancy Services**

📅 01/2019 - 01/2022   📍 New Delhi

An IT services, consulting, and business solutions organization

- Provided Tier 2 support and managed AWS and global IT infrastructure services
- Maintained reliable 24x7x365 Linux/Unix production servers for AWS EC2 instances
- Configured and troubleshot services including Nginx, Apache, PHP, and MySQL
- Worked on Internet technologies like TCP/IP, VPN/IPSec, and SSL/TLS
- Maintained 24x7 AWS infrastructure including EC2, S3, EBS, supporting over 100 production Linux/Unix servers
- Secured network with TCP/IP, VPN/IPSec, and SSL/TLS protocols supporting 150+ connections daily
- Configured and troubleshot web services Nginx, Apache, PHP, and MySQL on 50+ servers

## EDUCATION

### B.E. Electronics and Telecommunication

**STES' Smt KashiBai Navale College of Engineering, Pune University**

📅 07/2014 - 06/2018   📍 Pune, India

# SKILLS

Technical Skills

Terraform    Python    AWS Bedrock    LLM    AI Workflow    Golang    Kubernetes    API Gateway

AWS    AWS EC2    AWS Lambda    Azure    AI    CloudFormation    CloudFront    CloudWatch    DNS

Docker    DynamoDb    EC2    Elasticsearch    ELB    Encryption    GitHub    GitLab    Argo CD

AWS EKS    Grafana    IAC    IAM    Deployment    Linux    Unix Shell Scripting    Nginx    NoSQL

Prometheus    Python    RDS    VPC    VPN    GitLab CI/CD    Sentry    Memcached    Golang

Amazon RDS    Amazon EKS    Networking    SQL    Puppet    Kafka

# KEY ACHIEVEMENTS

**High Availability and Performance Optimization**

Achieved 99.9% system uptime and significantly improved operational efficiency

**Cost Optimization**

Reduced cloud costs by 20% through monitoring and optimization using CloudWatch and Grafana.

**Deployment Automation**

Achieved 30% faster infrastructure deployment using Terraform and CloudFormation automation.

**CI/CD Excellence**

Executed 100% successful CI/CD pipelines with GitLab CI for seamless production deployments.

# CERTIFICATION

**AWS Certified Solution Architect Associate**

**Microsoft Certified: Azure Fundamentals**

**Cloud Security Fundamentals: Cloud Application Security**

**Associate Cloud Engineer GCP**

**Academy Accreditation - Generative AI Fundamentals**

**Certified Kubernetes Administrator - In progress**