

# PRIYANSHU KOLHATKAR

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## Summary

Ambitious and detail-oriented B.Tech graduate with expertise in AWS Cloud, DevOps, and Test Automation. Skilled in designing scalable architectures, managing CI/CD pipelines, implementing Infrastructure as Code (IaC), and ensuring cloud security. Experienced with automation testing, containerization (Docker, Kubernetes), and monitoring solutions. Adept at collaborating in Agile teams to deliver secure, efficient, and high-availability systems. Seeking a Trainee TestOps Engineer role to contribute to cloud-based testing, automation, and deployment processes.

## Technical Skills

- Cloud Platforms: AWS (EC2, S3, RDS, Lambda, VPC, IAM, CloudFormation, DynamoDB, ECS, EKS, CloudFront)
- Programming Languages: Python
- DevOps Tools: Git, GitHub Actions, Jenkins, Docker, Kubernetes, Terraform, Ansible
- Infrastructure as Code (IaC): Terraform, AWS CloudFormation
- Testing Tools: Selenium, PyTest, JUnit
- Database Management: MySQL, PostgreSQL
- Monitoring & Logging: AWS CloudWatch, AWS CloudTrail, Prometheus, Grafana
- Operating Systems: Linux, Windows

## Projects

### 1. Flight Management Application for Airline Company

Technologies: Python, HTML, CSS, JavaScript, MySQL, GitHub, Jenkins, Docker, Kubernetes, Terraform, Ansible

- Designed and implemented CI/CD pipeline for automated application deployment.
- Configured GitHub webhooks & Jenkins to automate the build, testing, and deployment process.
- Managed Dockerized applications and performed Kubernetes rolling updates for zero-downtime deployments.
- Deployed cloud infrastructure using Terraform and automated server configurations with Ansible.
- Impact: Reduced manual deployment efforts by 85%, improving system uptime and release frequency by 70%.

### 2. MySQL Database Creation with Terraform

Technologies: Terraform, MySQL, AWS RDS

- Implemented database creation using Terraform with automated schema setup.
- Integrated local-exec provisioner for seamless SQL execution during deployment.

### 3. CI/CD Pipeline for 2-Tier Architecture Deployment

Technologies: Jenkins, Terraform, AWS

- Designed and implemented a CI/CD pipeline for automated infrastructure deployment.
- Incorporated testing, code validation, and automated build processes.
- Reduced deployment time from 2 hours to 15 minutes.

## Certifications

<a href="#">AWS Certified Solutions Architect - Associate</a>	April 2025 – April 2028
<a href="#">DevOps Certification</a> – Ethan's Tech, Pune	March 2025
<a href="#">AWS Training &amp; Certification</a> – Ethan's Tech, Pune	December 2024
<a href="#">Oracle Cloud Infrastructure 2023 Certified Foundations Associate</a>	September 2023
<a href="#">Microsoft Certified: Azure Fundamentals</a>	August 2023

## Internship Experience

Full Stack Developer Intern, Maestro Intellect, Nagpur |

January 2024 – April 2024

- Developed and maintained web applications using React.js, Node.js, and MySQL.
- Collaborated with cross-functional teams to deliver high-performance, responsive web solutions.
- Enhanced user experience and reduced page load time by 25% through optimized React components and API integrations.

## Education

Bachelor of Technology (B.Tech) – Information Technology

Priyadarshini Bhagwati College of Engineering, Nagpur

Graduation: 2024 | CGPA: 7.73