Mayur Nikam

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Red Hat
Red Hat Certified
System Administrator

Summary

B.Tech in Artificial Intelligence and Data Science (CGPA: 8.45/10) with strong expertise in **Cloud Computing, DevOps, and Automation**. Skilled in **AWS (EC2, S3, CloudWatch, IAM, RDS)**, **Kubernetes**, **Docker**, and **Ansible**, experienced in deploying secure, scalable, and monitored cloud environments.Hands on experience with TCP/IP,DNS,SSL/TLS networking concepts.

Technical Skills

- **Programming & Scripting**: Python, Bash,SQL
- **Cloud Platforms**: AWS (EC2, S3, CloudWatch, CloudTrail, IAM, EKS)
- **DevOps Tools**: Docker, Podman, Kubernetes, Ansible, Git, CI/CD (Jenkins Basics, GitHub Actions)
- **OS**: Linux (RHEL (Red Hat Certified), Ubuntu), Windows

Projects

Automated EC2 Virtual Machine Health Monitoring System using Ansible and Reporting via Email Project Link
Ansible, AWS EC2, Dynamic Inventory, YAML, Linux

- Developed an automated Virtual Machine health monitoring system using Ansible Dynamic Inventory for EC2 instance discovery (Environment=dev).
- Monitored CPU, RAM, and Disk usage and generated auto-formatted HTML health reports.
- Implemented automated tagging, SSH key configuration, and zero-manual server checks workflow.
- Delivered a fully automated end-to-end monitoring pipeline for cloud infrastructure.

AWS Secure Multi Tier Deployment With Bastion host and NAT-Gateway Project Link
EC2, VPC, IAM, Internet Gateway, NAT Gateway,Private/Public subnet Elastic IP

- Designed and deployed a secure AWS multi-tier architecture for WordPress using VPC with public and private subnets.
- Implemented a Bastion Host for secure SSH access and a NAT Gateway to enable outbound internet access for private instances.
- Deployed WordPress on EC2 (Apache, PHP) and hosted MariaDB in a private subnet with no public exposure.
- Configured security groups, route tables, and network isolation following AWS security best practices.

Experience

- **Red Hat Academy Student Ambassador, MIT Aurangabad**   (Feb 2024 – December 2025)
- Represented Red Hat Academy as a campus ambassador promoting Linux and open-source learning culture.
- Conducted workshops and guided peers in setting up Red Hat Enterprise Linux environments and containerization tools.
- Collaborated with Red Hat Academy coordinators to organize technical sessions and awareness programs on DevOps tools.

Education

- **Maharashtra Institute of Technology, Aurangabad**   CGPA: 8.45/10
  B.Tech in AI & Data Science, Graduation: 2026
- **Higher Secondary Certificate (HSC) — MH Board**   80.83%

Certifications

- **Red Hat Certified System Administrator (RHCSA)**   *ID: 240-042-069*
  Platform: Red Hat Academy
- **Red Hat Certified Engineer (RHCE)**   *ID: 240-042-069*
  Platform: Red Hat Academy
- **PCAP - Python Certification Course**   *ID: 2D145B7D775E-2DECCB8C357A-2D14554A6710*
  Platform: KodeKloud