

Piyush Bankhede

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Profile Summary

- Proficient in Cloud and DevOps with expertise in AWS, Terraform, Jenkins, Docker, and Kubernetes.
- Hands-on experience in AWS services like EC2, S3, RDS, VPC, Load Balancer, CloudWatch, and CloudTrail.
- Skilled in creating CI/CD pipelines using Jenkins, integrated with Ansible and Docker.
- Strong experience with Infrastructure as Code (IaC) using Terraform and CloudFormation.
- Experienced in monitoring using Prometheus and Grafana.

Skills

Operating Systems: Linux, Ubuntu, RedHat

IaC: Terraform, AWS CloudFormation

Containerization: Docker, Kubernetes, Podman

CI/CD Tools: Jenkins

Monitoring Tools: Prometheus, Grafana

Languages: Python, YAML, Bash

Cloud Platform: AWS (Amazon Web Services)

Experience

AWS Cloud Intern – Intern CertifyBy The Website Maker *June 2024 – November 2024*

- Designed and deployed secure, scalable cloud infrastructures using AWS services like EC2, S3, RDS, VPC, Load Balancer, CloudWatch, and CloudTrail.
- Developed a CI/CD pipeline using Jenkins and Ansible for automated testing and deployments.
- Automated application deployment using Docker and Kubernetes for better resource utilization.
- Implemented Infrastructure as Code (IaC) with Terraform for consistent infrastructure provisioning.
- Collaborated using GitHub for version control, ensuring efficient collaboration and pull request management.

Projects

CI/CD Pipeline with AWS, Terraform, Ansible, Docker, Jenkins, and Kubernetes *2024*

- Built an automated CI/CD pipeline integrating Jenkins with Terraform for infrastructure provisioning.
- Provisioned AWS EC2 instances with Terraform and configured Jenkins pipelines for streamlined deployments.
- Containerized applications with Docker and deployed them on Kubernetes using Helm charts.
- Achieved a **40% reduction** in deployment time with complete automation.

Certifications

- Docker Certification by Cognitive Class (2024)