
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

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| • Operating Systems: Linux, Ubuntu, RedHat | • Monitoring Tools: Prometheus, Grafana |
| • IaC: Terraform, AWS CloudFormation | • Languages: Python, YAML, Bash |
| • Containerization: Docker, Kubernetes, Podman | • Cloud Platform: AWS (Amazon Web Services) |
| • CI/CD Tools: Jenkins | |

Experience

Technical Intern – Linux World Pvt Limited – *present*

- 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*

- A project aimed at creating a fully automated CI/CD pipeline incorporating various DevOps tools
- 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** deployment time with complete automation.

Certifications

- Docker Certification by Cognitive Class (2024)