

Pradip Babar

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Professional Summary

Experienced DevOps Engineer with 2.5 years of hands-on expertise in building, managing, and optimizing cloud infrastructure and CI/CD pipelines. Skilled in leveraging advanced DevOps tools and best practices, with a strong foundation in automation, container orchestration, and infrastructure-as-code. Proficient in Docker, Kubernetes, OpenShift, Terraform, and AWS, with demonstrated capabilities in implementing secure, scalable, and resilient environments. Passionate about driving continuous integration and continuous deployment improvements and maximizing operational efficiencies. Eager to bring technical skills and innovation to a dynamic team focused on delivering high-performance, cloud-native solutions.

Areas of Expertise

Operating Systems	Windows, Linux
Programming Languages	Go, Python (automation, scripting, and development)
DevOps & Cloud Tools	AWS (EC2, S3, IAM, Lambda), Docker, Kubernetes (K8s), OpenShift, Terraform, Git, GitHub, GitHub Actions
CI/CD & Automation	CI/CD pipelines design with GitHub Actions for automated builds, testing, and integration and FluxCD for GitOps-based continuous deployment (CD)
Infrastructure as Code	Terraform (cloud provisioning, modular templates, environment setup)
Scripting Languages	Groovy, Bash, HCL, YAML (extensive automation, configuration management, and deployment scripts)
Containerization	Docker (image creation, container lifecycle management), Kubernetes & OpenShift (container orchestration and cluster management)
Monitoring & Logging	Prometheus, Grafana, CloudWatch (monitoring, alerting, and metrics collection for infrastructure performance)
Security & Compliance	IAM roles and policies, secret management (AWS Secrets Manager, HashiCorp Vault), security scanning (SonarQube, Snyk)
Version Control	Git, GitHub (branching strategies, pull requests, code reviews, and version management)
Soft Skills	Problem Solving, Adaptability, Time management & Team building activity

Education

College Name	Degree	Passing year
Dr.D.Y.Patil A.C.S. Collage Pimpri	B.Sc. Computer Science	2022

Professional Experience



Technical Support Engineer
Persistent Systems.

18th May 2022
Pune, India

- Initiated professional journey at Persistent Systems on May 2022, achieving promotion to Technical Support Engineer, reflecting rapid career advancement in a dynamic environment.
- Established a solid foundation in DevOps practices, utilizing industry-leading tools such as Docker, Kubernetes (K8s), OpenShift, AWS, Terraform, Git, and GitHub.
- Developed automation and scripting solutions in Go and Python, enhancing efficiency and reliability in infrastructure and application deployments while leveraging AWS services (EC2, S3, IAM, Lambda) for optimal resource management.
- Executed container lifecycle management with Docker and orchestrated multi-container applications using Docker Compose, alongside managing Kubernetes/OpenShift environments for robust container orchestration.
- Applied Infrastructure as Code (IaC) principles through Terraform, enabling efficient cloud provisioning, modular template development, and streamlined environment setups.
- Designed and implemented CI/CD pipelines with GitHub Actions for automated builds and integration, while employing FluxCD for GitOps-based continuous deployment.
- Leveraged Groovy, Bash, HCL, and YAML for scripting and configuration management, facilitating automation and enhancing deployment workflows.
- Established monitoring and alerting frameworks using Prometheus, Grafana, and CloudWatch, complemented by security measures through SonarQube and Snyk.
- Fostered best practices in IAM role and policy management, secret management (AWS Secrets Manager, HashiCorp Vault), and Git version control strategies, enhancing collaboration and project success.

Certification

[AWS Solutions Architect Associate](#)

Professional Recognition

Bravo – Individual Awards

Personal Projects

[Terraform Module for AWS](#)

- Engineered a Terraform module for swift provisioning of AWS services.
- Streamlined the deployment process for resources like EC2 instances and S3 buckets.
- Enhanced efficiency in managing AWS infrastructure through modularized Terraform configurations.

Personal Information

Date of Birth	23-Aug-2001
Nationality	Indian
Marital status	Single
Languages Known	English, Marathi and Hindi
Current Address	Wagholi, Pune - 411057
Permanent Address	Sangola, Solapur - 413307

Declaration

I hereby declare that all the information given above is true and correct to the best of my knowledge.