Sai Ramya Bobbala

DevOps Engineer – Cloud Platforms (AWS, Azure), CI/CD Pipelines & Automation

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SKILLS

- **Cloud Platforms**: Azure and AWS; exposure to GCP for cloud infrastructure provisioning and deployment.
- **Automation & CI/CD**: Terraform, Ansible, AWX, Azure DevOps, GitLab CI, Ansible Tower, Packer, Docker.
- **Containers & Virtualization**: Containerization using Docker, orchestration using Kubernetes for deployment.
- **Scripting & Configuration**: Shell, Bash, Python, and PowerShell for automation, monitoring, management.
- **Version Control & OS**: Git, GitHub, GitLab, Bitbucket, YAML pipelines; RHEL, CentOS, Windows, Linux.

WORK EXPERIENCE

DevOps Engineer   **September 2024 – April 2025**
Amdocs   *Ontario*

- Automated provisioning for Bell, Telus, and T-Mobile using GitHub Actions, AWS EC2, and IAM; reduced 9 onboarding steps; enabled multi-region deployment across 6 zones using GitOps and debug workflow tools.
- Built Terraform modules and Shell scripts to peer 22 Azure subnets; integrated with AWX for pipeline triggers; collaborated across teams to define network declarations; 40% solutions approved under architecture review.
- Designed drift detection for GCP with Python and Jenkins; flagged 78 monthly drifts; enabled Git version control and rollback flows; collaborated with security to define logic for compliance and auto-remediation alerts.
- Created CI/CD pipelines using Docker, Docker Hub, Jenkins, and GitHub; facilitated 7 parallel releases by resolving 18 environment mismatches with code; used Linux and Windows instances to verify rollout integrity.
- Directed GenAI-IAC rollout post Ideathon 2024 using Kubernetes, Terraform; mentored 4-member pod to deliver provisioning suite; aligned backlog with feedback; used GitHub on AWS EC2 to support 12 customer use case.
- Facilitated 6 infrastructure workshops; standardized Terraform modules and IAM role patterns; communicated Cloud Watch alerting logic and FSX setup; resolved 12 blockers through checklists and automated deployment.

System Administrator   **February 2021 – September 2024**
Amdocs   *India*

- Executed deployment for PLDT and T-Mobile using Terraform, Git, and Jenkins; improved provisioning by removing 12 errors across 13 virtual networks; coordinated cross-team change control for security updates.
- Integrated workloads with landing zones on AWS using CloudFormation, Ansible, and APIs; allowing onboarding across 9 tenants; validated compliance with Git approvals; reviewed 27 dependency logs and aligned delivery.
- Directed 6 cloud migrations using Kubernetes, Docker, and Jenkins; preserved data consistency using DNS sync and Redshift Linux; engaged 3 engineering teams to coordinate resource validation on Linux and Windows VMs.
- Maintained 23 Terraform modules with Git version control; tracked usage logs, published upgrades; enforced audit rules; allowed back-compatible deployment and reduced errors across all staging and production workloads.
- Designed AWX templates for unauthorized change alerts using Ansible; connected triggers with Bash; enforced workflows across 7 infra projects; reviewed 36 alerts and validated all environment transitions on Linux servers.
- Refactored CI/CD pipelines using Jenkins, Docker and Terraform; enhanced stability across 5 release branches by replacing 14 deprecated steps; deployed linting, drift checks, approval rules using Nexus-controlled builds.

Platform Engineer   **September 2018 – March 2020**
Cognizant   *India*

- Configured Docker in CI/CD pipelines; improved orchestration by removing 11 steps; cloned test environments on RedHat Linux and verified HTTP flows using health checks across pipeline-controlled release workflows.
- Deployed Azure stacks using provisioning scripts with Bash and pre-validation logic; embedded compliance testing for DNS and HTTP-based services; checked deployment logs to resolve 19 critical launch inconsistencies.
- Administered RedHat Linux nodes; completed 62 patching tasks using DNS failover, TCP/IP trigger; coordinated with security team to deploy policies and remediation scripts across workloads without disrupting services.
- Built DevOps tool chain with rollback controls using Bash and AWS; minimized impact during 12 production module reversions; assisted across 5 sprints to define failover procedures and review system logs on Linux.
- Unified provisioning across 5 squads with Azure; standardized 3 infrastructure templates; resolved 17 conflicts by coordinating DNS, and TCP/IP bindings, with organizational change control during weekly sync meetings.
- Processed compliance scans in CI/CD; flagged 96 pipeline alignments and defined validation gates for WebLogic; provided scan reports across 7 build pipelines by aligning with RedHat Linux security benchmarks.

EDUCATION

Bachelor of Technology in Electronics and Communication Engineering   August 2014 – April 2018
Mallareddy College of Engineering and Technology, India