Devendra Sahu

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Skills

Technologies: Terraform, Kubernetes, Python, AWS, Docker, Github Actions, Ansible, Azure DevOps, Automation, Prometheus, GitOps, ITSM, scripting, EKS, Observablity
Methodologies: DevOps, CI/CD, Agile, Scrum, OOP

Experience

AXA XL   Gurugram, Haryana
DevOps Engineer   October 2025 – Present
- Built scalable Azure infrastructure with stable, repeatable deployments by standardizing Terraform-based IaC and CI/CD integrations.

Nagarro   Remote, India
Associate Staff Engineer   September 2021 – September 2025
- Built and operated scalable Kubernetes platforms for an automotive client, delivering reliable multi-product deployments and simpler operations by provisioning infrastructure with Terraform/Terragrunt, creating reusable Helm charts, and enforcing pod security standards.
- Improved delivery reliability while cutting CI/CD costs by 20%, by migrating Artifactory, registry mirror, and SonarQube to Argo CD–based GitOps and implementing canary deployments with Argo Rollouts.
- Accelerated developer productivity while optimizing AI usage, by implementing custom GitHub Copilot instructions aligned with internal standards, reducing 30% development time and unnecessary token consumption.
- Reduced operational and L2 support overhead, simplifying onboarding and minimizing manual intervention by standardizing Artifactory configurations in YAML, enforcing Terraform-based cleanup and retention policies, and adding pre-commit hooks to keep infrastructure code DRY and maintainable.
- Implemented end-to-end change and incident automation, ensuring traceable ServiceNow records and faster resolution by building workflows with Python, GitHub Actions, Argo Notifications, and AWS Lambda integrations.
- Improved platform observability and proactive incident detection, by implementing Prometheus exporters and Dynatrace for Artifactory and building alerting and dashboards.
- Streamlined developer access, security, and CI/CD operations, by automating GitHub user onboarding, implementing OIDC-based passwordless authentication, and developing Azure DevOps pipelines for middleware and Java workloads.

Tata Consultancy Services   Noida, Uttar Pradesh
IT Analyst   December 2016 – September 2021
- Standardized CI/CD and cloud provisioning across teams, enabling faster deployments and eliminating duplicated pipeline work by delivering reusable Jenkins shared libraries and automating AWS infra with Infrastructure as Code.
- Improved platform reliability and incident response, eliminating system-generated P2 tickets by contributing to an AIOps platform and automating incident resolution workflows in ServiceNow.
- Reduced operational toil and improved middleware reliability, cutting SLA-impacting manual effort by 80% through automation of IBM MQ daily operations using Shell and PowerShell.
- Modernized and secured application platforms, reducing cert-related incidents by 95% and enabling on-prem to K8s migration by automating SSL lifecycle management with Python/Ansible and containerizing IBM ACE workloads.

Certificates

Certified Kubernetes Administrator (CKA)   Apr 2023 – Apr 2026
HashiCorp Certified: Terraform Associate   Oct 2021 – Oct 2023

Education

Shri Vaishnav Institure of Technology and Science   Indore, Madhya Pradesh, India
Bachelor of Engineering   December 2012 – June 2016