

Akhilesh Saini

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PROFESSIONAL SUMMARY

AWS Certified DevOps Engineer with 6.5 years of experience in Cloud Infrastructure, CI/CD, Kubernetes, Automation, Security, and Monitoring. Proven track record in designing, implementing, and managing scalable AWS infrastructure using terraforms with a focus on cost optimization, high availability, and security best practices. Strong expertise in Terraform, Jenkins, Docker, Kubernetes (EKS), GitHub Actions. Adept at collaborating with cross-functional teams to deliver high-quality, reliable, and secure deployments.

CORE SKILLS

- **Cloud Platforms:** AWS (EC2, S3, VPC, RDS, Lambda, Route53, CloudFront, EKS, Secrets Manager, IAM, CloudWatch)
- **DevOps Tools:** Jenkins, GitHub
- **Containerization & Orchestration:** Docker, Kubernetes (EKS)
- **Infrastructure as Code (IaC):** Terraform, Ansible
- **Security & Compliance:** AWS KMS, IAM Policies, AWS WAF, VPC, Bastion Host.
- **Monitoring & Logging:** Prometheus, Grafana
- **Scripting & Programming:** Python (python app deployed in docker), Shell Scripting
- **Version Control:** Git, GitHub
- **Other:** Agile methodology, Cost Optimization, High Availability Architecture

PROFESSIONAL EXPERIENCE

Senior System Engineer

Newvision Soft comm & Consultancy | April 2023 – Present

- Designed and deployed highly available, scalable AWS infrastructures using Terraform.
- Managed Kubernetes EKS clusters with secure ingress via AWS ALB + Route53 DNS, enabling 99.99% uptime for production workloads.

- Automated CI/CD pipelines with Jenkins, decreasing release cycle time from 2 weeks to 3 days.
- Implemented AWS Secrets Manager for secure credential storage, reducing security incidents by 40%.
- Integrated SonarQube, Trivy, and OPA into pipelines for DevSecOps compliance.
- Led AWS cost optimization efforts, saving ~25% annually via right-sizing, reserved instances, and S3 lifecycle policies.

AWS DevOps Engineer

DXC Technology, Noida | Nov 2019 – May 2020

- Migrated on-premises workloads to AWS, leveraging EC2, S3, VPC.
- Built Docker images and Deploy Docker containers.
- Developed shell scripting automation scripts for AWS resource management, reducing manual tasks by 60%.
- Secured environments using IAM roles, AWS WAF, and GuardDuty.
- Managed Git branching strategies (Git Flow) for multiple microservices.
- Conducted CI/CD pipeline performance optimization, reducing build times by 50%.

AWS Cloud Engineer

Pacific IT solution for RBI | Jan 2017 – Jun 2018

- Assisted in setting up AWS EC2, S3, RDS, and VPC networking for development and production workloads.
- Automated deployments with Jenkins and Ansible.
- Created Terraform modules for reusable AWS infrastructure.
- Managed version control and code review processes using GitHub.
- Supported team in troubleshooting build/deployment failures.

Associate Service Engineer

Fujitsu India Private Limited 11/2016 - 05/2018

AWS Cloud Engineer

Atos India Private Limited 04/2016 - 11/2016

Technical Support for SharePoint Server

Wipro 04/2013 - 04/2016

EDUCATION

Bachelor of Technology (B.Tech) – Computer Science Engineering

RGPV University Bhopal, 2013 with 77.28%

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate
- AZ-104 Microsoft certificated: Azure Administrator Associate
- AI-102 Azure AI Associate