Rewat Singh

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Objective

DevOps Engineer with 5 years of IT experience, including 3+ years focused on cloud-native infrastructure, CI/CD automation, and delivering secure, scalable, and observable systems. Strong background in networking and system administration. Actively shares hands-on work through real-world GitHub projects.

Looking to join a high-impact DevOps/SRE/Cloud team where I can contribute, keep learning, and help build reliable systems.

Experience

Q3 Technologies, Jaipur

DevOps Engineer   NOV 2022 - PRESENT

- Set up Jenkins pipelines for both monolith and containerized apps, and built multi-stage GitHub Actions workflows for microservices deployment.
- Built and deployed serverless apps with Lambda, API Gateway, and SAM CLI; used AWS Secrets Manager for credentials, CloudWatch for monitoring, and automated delivery with CodePipeline.
- Provisioned and managed AWS infrastructure using Terraform, Ansible, and CloudFormation covering VPC, EC2, RDS, EKS, S3, and IAM.
- Built GitOps pipelines combining GitHub Actions, Helm, and Argo CD; managed multi-chart apps and Argo CD sync policies for version control.
- Configured Prometheus + Grafana with custom dashboards and Slack alerts via Alertmanager; used ELK and Splunk for log aggregation, querying, and incident handling.
- Developed Bash and Python scripts to automate infra tasks like NGINX config, SSL setup with Let's Encrypt, EC2 monitoring, and S3 backup rotation; used Boto3 for AWS automation and Crontab for job scheduling.
- Designed and maintained production-grade Docker images using multi-stage builds; enforced security best practices with Trivy scans, labels, and health checks; streamlined local development with Docker Compose; managed image versioning and distribution via JFrog Artifactory.
- Architected secure, cost-efficient AWS infrastructure with VPC, ALB, IAM, KMS, and Terraform; enforced auditing via CloudTrail & Config; optimized EC2, S3, and Lambda usage; tracked spend with Budgets and Cost Explorer.
- Managed load balancing across distributed services using ALB, NLB, and implemented Istio Ingress for advanced routing in Kubernetes.
- Deployed and maintained EKS clusters with Calico + eBPF for network policy enforcement, observability, and high-performance service mesh.
- Implemented hybrid connectivity with Site-to-Site VPN, Transit Gateway, and Client VPN, integrating AWS with on-prem infra securely.
- Set up Disaster Recovery solutions using S3 versioning, RDS snapshots, and cross-region replication for failover and data protection.
- Handled Linux/Windows system administration, patching, tuning, backups, and managed virtualization using VMware, Hyper-V.
- Deep understanding of IP, subnetting, firewalls, BGP, and OSI model, used to design and troubleshoot secure and performant hybrid networks.

Edge Telecom Pvt. Ltd. Gurugram

Technical Support Engineer

- Collaborated with development teams to support SDLC processes and ensure smooth integration of web/mobile applications by resolving technical issues with stakeholders.
- Provided timely email and voice support while participating in meetings to maintain clear project communication and progress tracking.
- Led RCA during production incidents; guided junior team members and helped manage sprint planning in agile setups.
- Administered and optimized Atlassian tools — Jira (workflow automation), Confluence (project documentation), OpsGenie and StatusPage (incident management and monitoring) — improving cross-team collaboration.
- Monitored critical infrastructure and applications using AWS, Azure, and Zoho tools; delivered incident, health check, and custom analytics reports on weekly, monthly, and quarterly intervals.
- Managed CMS platforms (Sitecore, WordPress), including live content updates, issue resolution, and out-of-hours maintenance to ensure uptime and accuracy.
- Performed API testing and monitoring with Postman and FastAPI, and contributed to automated testing pipelines using Selenium and Pytest integrated with CI/CD workflows for continuous quality assurance.
- Managed user access and RBAC using OIDC-based identity platforms; provisioned roles via AD/LDAP; automated secrets and credential delivery using HashiCorp Vault; supported internal access requests and incident resolution through ticketing workflows.

Education

JNIT Jaipur   2017

B. Tech, ECE - **62%**

Skills

Core Tools & Technologies:

AWS (EC2, EKS, Lambda, IAM, VPC, RDS), Terraform, Ansible, GitHub Actions, Jenkins, Argo CD, Helm, Docker, Kubernetes, Python, Bash, Prometheus, Grafana, ELK, Trivy, Vault, Boto3, S3, CloudFormation.

Other Expertise :

Web Development & CI/CD: Built backend services using Flask, Django, and Express.js, integrated into CI/CD pipelines using GitHub Actions and GitLab CI.

Server & Database Management: Experience with NGINX, Apache, MySQL, and PostgreSQL. Focused on performance tuning and automation for scalable infra.

DevSecOps & Security: Integrated security scanning tools (Trivy, Snyk, SonarQube, Owasp) into pipelines, secrets management with Vault and AWS KMS, and basic penetration testing using Kali tools and Burp Suite.

Additional Information

Current CTC: 5.5 LPA
Expected CTC: 8 LPA
Notice Period: 1 month