Ashish Kumar Sharma

DevOps Engineer at Wipro

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Objective

Passionate DevOps Engineer with 3+ years of experience in building scalable and automated infrastructure solutions. Expertise in AWS cloud environments, containerization Docker, Kubernetes, and CI/CD tools Jenkins, GitLab CI. Proficient in Python scripting for backend automation and system optimization. Committed to driving efficiency and reliability in fast-paced product development lifecycles.

Technical Skills

- AWS (S3,Lambda,VPC)
- Ubuntu
- CentOS
- Jenkins
- GitLab CI/CD
- Terraform
- Ansible
- Docker
- Kubernetes
- Helm
- Python
- Prometheus
- Grafana
- Git/GitHub
- MongoDB
- PostgreSQL

Experience

Wipro   **June 2022 – Present**
DevOps Engineer   *Bangaluru, KA*

- Implemented automated monitoring and alerting using Prometheus and Grafana, improving system reliability and reducing MTTR (mean time to resolution) by 30%.
- Optimized AWS cloud infrastructure (EC2, S3, Lambda) by rightsizing and auto-scaling, achieving a 25% cost reduction while maintaining performance SLAs.
- Enhanced CI/CD pipelines using Jenkins, GitHub Actions, and Docker, accelerating deployment frequency by 40% and minimizing production downtime.
- Automated infrastructure provisioning with Terraform and configuration management via Ansible, ensuring environment consistency across dev, QA, and production.
- Built centralized logging and analysis pipelines using the ELK Stack (Elasticsearch, Logstash, Kibana), reducing time-to-resolution for critical issues by 35%.
- Led containerization and orchestration using Docker and Kubernetes, enabling seamless application rollouts, auto-scaling, and improved fault tolerance.
- Implemented blue-green and canary deployment strategies, reducing risk and ensuring zero-downtime releases.
- Automated backup and disaster recovery strategies for critical services across AWS using S3 versioning, EBS snapshots, and cross-region replication.
- Streamlined release management workflows using Helm, improving version control and rollback capabilities across Kubernetes environments.
- Collaborated with SRE and development teams to define and monitor SLAs, SLOs, and SLIs, contributing to a culture of reliability and observability.

Projects

Telecom Project | *IT Patching Management Project*   **May 2025**

- Automated OS patching for 10,000+ AWS Virtual Machines using Ansible, significantly reducing manual effort 85%.
- Designed implemented idempotent Ansible Playbooks for critical 4G/5G telecom infrastructure, ensuring 98% successful patch application.Cloud so that the program is able to run everyday from the cloud.
- Developed Python scripts for dynamic inventory management, enhancing operational efficiency and security compliance.

Automobile Project | *Toyota Dealer Management System*   **Jan 2025**

- Migrated global Ad Planner application to AWS (EKS/AKS Kubernetes), enabling scalable, high-availability deployments.
- Built robust CI/CD pipeline with Jenkins & Docker, automating containerized application releases with zero-downtime Rolling Updates.
- Managed GitHub-based IaC (Kubernetes YAMLs), streamlining infrastructure provisioning and application version control.

Certification

AWS Certified DevOps Engineer –Professional
AWS Certified Cloud Practitioner
GitHub Foundations Certification

Education

BCA (Bachelor of Computer Application)   **August 2022**
Netaji Subhas University   *GPA: 8.5/10*

Interest

- **MLOps**
- **DevOps Automation**
- **Data Infrastructure for Scale**
- **Cloud-Native**