

# Ashish Choudhary

## Devops Engineer

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### Summary

With over 4+ years of professional experience as a DevOps Engineer, I have gained extensive hands-on expertise in these tools and technologies AWS, Azure, Linux, Jenkins, GitHub Actions, Terraform, Nginx, Docker, Kubernetes, Ansible, Prometheus, and Grafana ELK Stack.

### Skills

- **Languages** - Python, Bash.
- **Tools & Technology** - AWS, Azure, Linux, Ansible, Docker, Kubernetes, OpenShift, Rancher, Helm, ArgoCD, Terraform, MySQL, PostgreSQL, MongoDB, Kafka, Kibana, Jenkins, GitHub, GitHub Actions, GitLab, Sonarqube, Grafana, Prometheus, New Relic, Sentry.

### Work Experience

#### Devops Engineer

Quokka Labs, Noida

June 2025 - To Current

- Design and implement highly durable, fault-tolerant, and cost-effective infrastructure.
- Good exposure in designing and managing cloud solutions on Microsoft Azure
- Utilize AWS services for application setup, including Control Tower, VPC, EC2, EBS, RDS, S3, EFS, ECS, ECR, CDN, IAM, KMS, SES, SNS, ElastiCache, ACM, CloudWatch, and more.
- Automate build, test, and deployment processes using Jenkins and Github Actions with a canary deployment strategy, resulting in a 30% increase in release frequency.
- Implement and maintain SonarQube for continuous code quality checks, enabling early detection of bugs, vulnerabilities, and code smells, and ensuring adherence to coding standards.
- Deploy and managed applications on Amazon EKS using Helm charts, enabling scalable, reliable, and automated rollouts while optimizing resource utilization and ensuring high availability.
- Skilled in writing and optimizing Dockerfiles for building efficient and secure containerized applications

#### Devops Engineer

Bluebash Consulting Pvt Ltd, Mohali

May 2023 - June 2025

- Designed and implemented a highly durable, fault-tolerant, and cost-effective infrastructure.
- Utilized AWS services used for setting up application like Control Tower, VPC, EC2, EBS, RDS, S3, EFS, ECS, ECR, CDN, IAM, KMS, SES, SNS, ElastiCache and ACM, CloudWatch and more.
- Automated build, test, and deployment processes using Jenkins with a Blue-Green deployment strategy, resulting in a 30% increase in release frequency.
- Migrated applications from other cloud providers to AWS with minimal downtime.
- Configured and maintained web servers like Nginx and Apache Tomcat, optimizing configurations for performance and security.
- Implemented application monitoring using Prometheus and Grafana, and configured CloudWatch alerts to detect and address infrastructure issues, ensuring high availability and performance.
- Managed SLA requests raised by the support team, efficiently resolving issues while meeting high operational standards.

## Devops Engineer

Vinculum Solutions Pvt Ltd, Noida

July 2021 - March 2023

- Designed and implemented a highly durable, available, and cost-effective fault-tolerant infrastructure for clients such as VineRetail, Nykaa, Swiggy, Zepto, and Titan using AWS services, including VPC, EC2, EBS, RDS, S3, EFS, ECS, ECR, CDN, IAM, KMS, SES, SNS, ElastiCache, ACM, CloudWatch, and more.
- System Scaling: Scaled the Vineretail WMS/OMS system, supporting high-growth startups like Swiggy, Zepto, Nykaa, Metrobrands, etc., to handle large volumes of order fulfillment, inventory, and warehouse management
- Automated build, test, and deployment pipelines using Jenkins, achieving a 30% increase in release frequency.
- Configured a client-side VPN for secure connectivity to AWS resources such as EC2 and RDS, and provided credentials to authorized team members for seamless access.
- Administered and optimized databases including MySQL, MongoDB, and Redis, handling queries, backups, and troubleshooting to ensure database health and performance.

## Projects

- **Deployed Applications on AWS** : Deployed applications across diverse sectors—including E-commerce, Healthcare, AI, and CRM—using a comprehensive suite of AWS services: EC2, ECS, ECR, RDS, Load Balancer, Auto Scaling, CloudWatch, and SNS. Utilized containerization with ECS & ECR for efficient microservice deployment and resource utilization, while proactively monitoring infrastructure with CloudWatch and SNS alerts to ensure high availability and performance.
- **Deployed an E Commerce Three Tier application on AWS EKS | 8 Services and 2 Databases**: This demo project is created using 12 components that includes 8 microservices, 2 Databases, 1 messaging queue and 1 In memory data store. The application was containerized using Docker and deployed on AWS EKS, leveraging the scalability and high availability features of Kubernetes. Each microservice run in its own pod, with Kubernetes handling load balancing, and scaling based on traffic and resource utilization .

## Education

- (B.Tech) JMIT (ECE),Kurukshetra University 2016 - 2020
- High school,BS inter college (BSEB) 2013 - 2015
- Class 10th,Saint paul secondary school(CBSE) 2003 - 2013

## Achievements

- Rising Star Award 2023

## Certification

- AWS Cloud Practitioner 2022