Namit Agrawal

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 GitHub LinkedIn 🌐 Portfolio

Summary

DevOps Engineer with internship experience working on CI/CD pipelines, Docker, Kubernetes, and AWS. I have helped deploy containerized applications, automate deployments, and monitor cloud systems. Comfortable with Linux environments and enjoy learning and improving DevOps workflows.

Skills

DevOps Tools: Jenkins, Docker, Kubernetes, Ansible, Git, Terraform, Jira
Cloud: AWS (EC2, S3, RDS, ECS, ECR, Fargate, CloudWatch, IAM)
CI/CD: Jenkins Pipelines, GitOps, GitHub Actions
OS: Linux

Experience

DevOps Intern *April 2024 - September 2024*
Kangaroo Software Pvt. Ltd., Indore, Madhya Pradesh During my internship, I assisted in managing CI/CD pipelines for different environments and supported application deployments. I monitored applications using AWS CloudWatch, helped resolve basic production issues, and followed security best practices. I also documented deployment steps and assisted developers during releases.

DevOps Intern *November 2025 - December 2025*
Cut Edge Technology Pvt. Ltd., Gurugram, Haryana (Remote)
- Designed automated CI/CD pipelines using Jenkins, reducing deployment time by 40%
- Containerized microservices with Docker and orchestrated using Kubernetes with auto-scaling and self-healing
- Deployed Node.js application on AWS using ECS Fargate, ECR, and CloudWatch for serverless orchestration
- Provisioned AWS infrastructure (EC2, S3, RDS, VPC) using Terraform and IaC principles
- Configured IAM roles with least-privilege policies and maintained 99.9% system uptime

Projects

Kubernetes Voting App with Argo CD (GitOps) — GitHub
- Implemented GitOps deployment using Argo CD on Kubernetes with automated GitHub synchronization
- Created Kubernetes manifests for multi-service architecture with health checks and self-healing capabilities
- Configured automatic sync policies for real-time updates and declarative infrastructure management

Reddit Clone on Kubernetes with Ingress — GitHub
- Deployed Reddit clone using Kubernetes Deployments and Services with Ingress controller for HTTP routing
- Implemented resource limits, replica sets, and health checks (liveness/readiness probes) for high availability
- Configured ConfigMaps for application configuration and domain-based routing rules

Docker to AWS Deployment (ECS + ECR) — GitHub
- Containerized Node.js application with optimized Docker builds and deployed on AWS ECS Fargate
- Pushed images to ECR with versioning and configured ECS task definitions with resource allocation
- Integrated CloudWatch Logs for monitoring and implemented IAM roles following least-privilege principle

Education

Bachelor of Arts, Barkatullah University, Bhopal *2020-2023*

Certifications

1-Month Virtual Internship in DevOps - Cut Edge Technology (Nov-Dec 2025)
Top 10 DevOps Tools Workshop
Docker Containerization

Key Strengths

Quick learner, documentation-focused, strong team collaboration, detail-oriented. Proven track record of reducing deployment times and maintaining high system uptime through automation and best practices.