

SAGAR SHELKI

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SUMMARY

Results-driven DevOps engineer with 3 years of experience in designing, implementing, and maintaining scalable infrastructure and CI/CD pipelines. Proficient in cloud platforms AWS, configuration management tools Ansible, containerization (Docker and Kubernetes), and scripting languages Python, Bash. Strong collaboration skills and a track record of successfully integrating DevOps practices in cross-functional teams.

TECHNICAL SKILLS

Cloud platform	Amazon Web Services
Infrastructure as Code (IaC)	Terraform, CloudFormation
Containerization and Orchestration	Docker, Kubernetes, Helm
Operating System	Linux
Configuration management	Ansible, Chef
Programming and scripting language	Python, Bash, Groovy
Database	MySQL, PostgreSQL
Version control system	Git, GitHub
Monitoring and Logging	Prometheus, ELK Stack, Grafana
Agile Methodology	Scrum, Kanban

WORK EXPERIENCE

TATA CONSULTANCY SERVICES

AWS DevOps Engineer

Pune, India
Dec 2021 - Present

- Led the implementation of a fully automated CI/CD pipeline using Jenkins, Git, and Docker, resulting in a 50% reduction in deployment time and increased team productivity.
- Designed and managed infrastructure on AWS, including EC2 instances, S3 buckets, and RDS databases, ensuring high availability, scalability, and cost optimization.
- Implemented configuration management using Ansible, reducing manual configuration efforts by 70% and ensuring consistency across development, testing, and production environments.
- Collaborated with development and operations teams to streamline release management processes and improve cross-team communication, resulting in faster and more reliable software deployments.
- Employed strong problem-solving skills to identify and resolve issues, resulting in improved application stability and performance.
- Planned, tracked, and managed 50+ deliverables on short-term sprints and long-term software deployments.

MOTHERSON GROUP

System Engineer

Aurangabad, India
May 2021 – Dec 2021

- Investigate and resolved complex technical issues escalated from L1 and L2 support teams, requiring in-depth analysis of system logs, configuration files, and database records. Utilized advanced diagnostic techniques to identify root cause of problems and implemented effective solutions.
- Oversaw multiple bugs fixing scenario as problem analyst and coordinated with the vendors for fix in existing stored procedures (PL/SQL).

PROJECTS

Containerized Web-based Application using CICD pipelines through Jenkins

- Implemented an automated CI/CD pipeline for a Django web application by developing a Git Workflow that seamlessly triggers Code Build for every commit made to the master branch.
- Leveraged GitHub, Docker, EC2, and Jenkins to successfully build and automate the deployment process

Creating CI/CD pipeline in AWS using Code Commit, Code Build, Code Deploy, and Code Pipeline.

- Implemented CI/CD pipeline in AWS using Code Commit, Code Build, Code Deploy, and Code Pipeline resulting in 20% faster release cycles and a 30% increase in successful deployments.
- Established automated deployment using Code Pipeline, enabling the building, testing, and deployment of all stages in a seamless and automated manner.

Automated Scalable Reddit Clone Delivery with CI/CD, Docker, Kubernetes, Minikube, and Ingress

- Orchestrated the successful deployment and replication of a Kubernetes cluster on AWS EC2 server with Minikube, resulting in increased scalability and auto-healing for critical applications.
- Implemented auto-scaling capabilities for the Kubernetes cluster, resulting in a 30% reduction in resource waste and improved cost efficiency.

Ansible-based Web Application Deployment

- Automated the deployment of HTML application with Multi Environment Ansible Configuration, reducing deployment time by 80% and minimizing downtime to less than 5 minutes.
- Utilized Nginx web server to handle the deployment through playbook, resulting in a 40% increase in overall server performance.

EDUCATION

MGM’s Jawaharlal Nehru Engineering college
Bachelors in Technology - CGPA 8.8

Aurangabad, MH
Graduation Date: Sep 2021

CERTIFICATIONS

Amazon Web Services	AWS Certified Cloud Practitioner CLF-C02
Ethans Technologies	AWS DevOps Certified
Microsoft	Azure Administrator associate AZ-104