

KUNAL NACHAN

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Objective

Enthusiastic Cloud and DevOps fresher with hands-on experience in AWS, Docker, and Kubernetes. Skilled in scripting, automating cloud infrastructure, and optimizing system performance. Passionate about building scalable and reliable cloud solutions while collaborating with teams.

Projects

1 . Optimizing Microservices Deployment with GitOps and Service Mesh in Minikube

Description: Developed and deployed a microservices-based application using Minikube, leveraging GitOps principles and Service Mesh for optimized management and communication.

Key Responsibilities: Implemented GitOps workflows for automated deployments with ArgoCD, Configured Istio for traffic management, observability, and secure communication, Deployed Kubernetes clusters in Minikube to simulate cloud-native environments, Streamlined CI/CD pipelines for seamless microservices integration and delivery.

Technologies Used: Kubernetes, Minikube, GitOps (ArgoCD), Service Mesh (Istio), Docker, Linux, CI/CD tools.

2 . MERN Stack Web Application with DevOps Integration

Description: Built and deployed a full-stack web application using the MERN stack (MongoDB, Express.js, React, Node.js) with a focus on DevOps practices on the aws cloud.

Key Responsibilities: Automated the deployment process using CI/CD pipelines, managed containerization with Docker, and monitored application performance.

Technologies Used: MongoDB, Express.js, React, Node.js, Docker, Git, CI/CD tools (Jenkins) Cloud (aws).

Skills

Cloud Computing: Proficient in deploying and managing applications on cloud platforms.

Linux: Extensive experience with Linux administration and shell scripting.

Docker and Kubernetes : Skilled in containerization and orchestration using Docker.

CI/CD: Knowledge of Continuous Integration and Continuous Deployment pipelines.

Version Control: Experience with Git for version control and collaboration.

Monitoring & Logging: Familiar with monitoring tools like Prometheus and Grafana.

Infrastructure as Code: Understanding of tools like Terraform or Ansible.

Problem-Solving: Strong analytical and troubleshooting skills.

Collaboration: Excellent teamwork and communication abilities.

Learnability: Quick learner with a proactive attitude towards new technologies and methodologies.

Certifications

Completed -

KodeKloud Linux Certification

KodeKloud Docker Certification

KodeKloud Kubernetes Certification

Pursuing -

KodeKloud Jenkins Certification

KodeKloud Ansible Certification

KodeKloud Terafrom Certification

Education

G H Rasoni University

Bachelor Degree (B-Tech) in Computer
Science | SGPA : **9.50** / 10

Y B Polytechnic

Diploma in Computer Science | CGPA: **7.8** /
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Languages

English

Marathi

Hindi