Ankur Chauhan

DevOps and Cloud Engineer

Phone: 8750516705
Email : ankurchauhan159@gmail.com
LinkedIn : https://www.linkedin.com/in/ankur-chauhan-05b182172/

Professional Summary

DevOps Engineer transitioning from a Project Coordinator role with 4.5 years of hands-on experience in managing and executing DevOps projects. Skilled in cloud infrastructure management, automation, and CI/CD pipeline implementation using tools like Terraform, AWS, and Jenkins. Proven track record in enhancing system reliability, scalability, and performance through strategic automation and collaboration with cross-functional teams. Demonstrated expertise in reducing deployment times, improving system uptime, and driving continuous improvement in operational workflows. Passionate about leveraging my project coordination experience and technical proficiency to deliver innovative solutions as a DevOps Engineer, fostering seamless integration and operational excellence.

Skills

- **Operating System:** Linux, Windows
- **Cloud Platforms:** AWS
- **CI/CD Tools:** Jenkins
- **Version Control:** Git, GitHub
- **Configuration Management:** Ansible
- **Infrastructure as Code:** Terraform
- **Containerization:** Docker, Kubernetes, EKS
- **Scripting Languages:** Python, Bash, PowerShell
- **Monitoring and Logging:** Prometheus, Grafana
- **Asana**
- **Jira**

Professional Experience

Netmaxims Technologies Pvt. Ltd. Faridabad.   **Sept 2019 – Feb 2024**
IT Project Manager

Roles & Responsibilities:.

- Coordinated DevOps projects, ensuring timely delivery and adherence to quality standards by effectively managing project schedules and resources.
- Managed cloud infrastructure and automated deployment processes using Terraform and AWS, contributing to improved deployment efficiency and resource management.
- Implemented CI/CD pipelines using Jenkins, reducing deployment time by X% and enhancing the overall development workflow.
- Monitored system performance and resolved issues to minimize downtime and ensure high availability, using tools like Prometheus and Grafana.
- Managed the lifecycle of DevOps projects from initiation to closure, ensuring alignment with

business goals and stakeholder requirements.

- Conducted regular status meetings with project teams to monitor progress, identify risks, and implement corrective actions as needed to keep projects on track.
- Designed and maintained scalable and reliable cloud infrastructure using AWS services, ensuring the infrastructure could handle increasing loads.
- Monitored cloud resource usage, implemented cost optimization strategies, and ensured compliance with security best practices to maintain cost efficiency and security.
- Implemented and optimized CI/CD pipelines to streamline code integration, automated testing, and deployment processes, improving software delivery speed and quality.
- Utilized Jenkins, and other CI/CD tools to automate build, test, and deployment workflows, reducing manual intervention and errors.
- Regularly reviewed and updated monitoring configurations to adapt to changing infrastructure and application needs, maintaining optimal performance and reliability.
- Identified opportunities for automation within the deployment and operations processes to improve efficiency and reduce manual effort, leveraging tools like Ansible and Chef.
- Developed scripts and tools using Python and Bash to automate repetitive tasks, enhancing productivity and consistency in operations.

Project

Project: Deployment of MEAN Stack Application
MEAN Stack Application with CI/CD Automation, Containerization, and Cloud Deployment

Github: *https://github.com/ankuronlyme*

- **Designed and developed** a comprehensive LMS platform using Angular for the frontend and Node.js/Express.js for the backend, integrating MongoDB for efficient data management.
- **Implemented a CI/CD pipeline with Jenkins**, automating the build, test, and deployment processes, and utilized Docker for consistent containerized deployments.
- **Deployed the application on AWS EKS** for production and Minikube for local development, leveraging Kubernetes for scalable container orchestration and Terraform for automated infrastructure provisioning.
- **Set up Prometheus for metrics collection** and Grafana for creating detailed performance dashboards, optimizing system health and resource management.
- **Automated infrastructure provisioning** with Terraform, configuring VPCs, EKS clusters, and IAM roles to create a secure and scalable cloud environment.

Tools & Technologies: Docker, Jenkins, Kubernetes, Minikube, AWS EKS, Terraform, Prometheus, Grafana, GitHub

Education and Certification Program

HeroVired
DevOps and Cloud Engineering (09/2023 to 06/2024.)

Bachelor of Computer Application (BCA)
MDU University, Rohtak (2016-2019)