

MOHAMMED HUSSAIN JAFRI

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Education

MGM Dr.G.Y.Pathrikar College
Bachelor of Science in Computer Science

June. 2019 – Nov 2023
Aurangabad, Maharashtra

Internships

Level Up IT Solution

Devops Intern

June 2023 – Dec 2023

Aurangabad, Maharashtra

- Collaborated with Development teams to optimize the performance of application and managed GIT repositories as source code management tool, handling 50+ commits, clone and pull requests.
- Employed Docker for containerization and immutable infrastructure to improve system reliability and scalability. gained experience in using Terraform to write IaaS for automating and managing infrastructure provisioning.
- Analyzed over 1,000 system logs daily and monitoring usage and activity using Splunk, resulting in a 30% incident response time by notifying the incident management system upon threshold breaches...

Unnati Development Pvt Ltd

DevOps Intern

June 2023 – Present

Aurangabad, Maharashtra

- Designed and implemented a robust system to collect server data and logs through a Jenkins pipeline, ensuring seamless integration with Flask and Django web applications.
- Integrated Flask and Django frameworks to post collect data onto a user-friendly website, providing stakeholder with real-time insights into system performance and status.
- Enabled real-time posting and visualization of server logs on a user-friendly web interface.

Projects

Automated Deployment of Scalable Applications on AWS EKS with Kubernetes and Argo CD | **Present**

- * Led the deployment of scalable applications on AWS EC2 using Kubernetes and Argo CD for streamlined management and continuous integration. Orchestrated deployments via Kubernetes dashboard, ensuring efficient resource utilisation and seamless scaling.
- * AWS EC2: Infrastructure hosting for Kubernetes clusters. Kubernetes Dashboard: User-friendly interface for managing containerised applications..
- * Argo CD: Continuous Delivery tool for automated application deployments. Achievements.
- * Implemented Kubernetes dashboard for visual management of containerised applications on AWS EC2 instances. Utilised Argo CD for automated deployment pipelines, enhancing deployment efficiency by 60%. Achieved seamless scaling and high availability, supporting 99.9% uptime for critical applications. This project description emphasises your role in leveraging AWS EC2, Kubernetes, and Argo CD to optimise application deployment and management processes effectively.

CICD Pipeline for Java Application to deploy on Kubernetes Cluster using Jenkins | **Present**

- * Integration of Jenkins SonarQube for static code analysis. Dockerizing Application and pushing the image to private registry.
- * Identifying the misconfiguration in HELM charts using datree. Pushing the HELM charts to nexus for re-usability.
- * Deploying the application on K8s cluster using the HELM charts Configuring mail server and Enabling pull request trigger.

Technical Skills

Languages: Python,SQL,shell scripting,BASH,Groovy

Cloud technologies:AWS(EC2,S3,DynamoDB,RDS,Route53,Lambda)

Technologies/Frameworks: Linux (Ubuntu,RedHat,CentOs), Jenkins, GitHub, Kuberenetes, Gitlab, Terraform, Cloud Computing

Software Tools :GitLab, EKS, Grafana, GitHub, Jenkins, Docker, MYSQL, Visual Studio Code

Certification

AWS Certified Solution Architect - Associate

Valid Till 2027