

RYALI MAHESH

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Phone: - (+91)-9032895388

Location: - Hyderabad

Professional Summary:

Aspiring and motivated professional with a strong background in DevOps and AWS, seeking an entry-level position to utilize my skills in building and maintaining CI/CD pipelines, managing cloud resources, and automating deployment processes. Dedicated to improving operational performance and contributing to innovative projects.

Technical Skills:

Container Orchestration	Kubernetes, ECS
Containerization	Docker
Infrastructure As Code	Terraform, Cloud Formation
DevOps CI/CD tools	Jenkins, GitHub Actions, Azure DevOps
Configuration Management	Ansible
Version Control System	Git, GitHub
Monitoring Tools	Prometheus and Grafana
Docker Image Scan Tool	Trivy
Static Code Analysis	SonarQube
Scripting Languages	Python, Shell
Cloud Services	Amazon Web Services: EC2, S3, Load Balancers, Auto scaling, Elastic Beanstalk, Cloud Front, Cloud Formation, RDS, KMS, ECS, Route 53, Cloud Watch, Cloud trail, IAM, SNS, VPC, AWS System Manager, AWS CLI, Dynamo DB, Elastic Container Registry, EFS and EBS.
Application/Webserver	Apache, NGINX and Tomcat.
Operating Systems	Linux, Windows

Experience :

Position Title: DevOps and AWS trainee intern

Company Name: Pearl Thoughts

Location: Tamilnadu

Project: Strapi Application with React Front End

Description:

- Strapi is a headless CMS that provides a flexible and customizable API for managing content.
- Implemented a robust CI/CD pipeline integrated with Amazon ECS Fargate, which decreased deployment errors by 25% and improved release frequency, enabling a faster time-to-market for critical application updates.
- Configured DNS using Route 53 and Set up SSL encryption using Certbot.
- Utilized Docker for containerization and Created and configured Infrastructure as Code (IaC) using Terraform, enabling automated provisioning of cloud resources, improved infrastructure deployment speed by 50% and ensured consistency across 15+ environments.
- Implemented load balancing to ensure high availability and reliability.
- Automated the CI/CD pipeline using GitHub Actions, reducing deployment time by 50% and achieving a 95% success rate in continuous integration and delivery
- Developed and enforced 15+ roles and policies, enhancing access management security by 40% and reducing unauthorized access incidents by 30%.

Project (Open Source):

END TO END CI/CD IMPLEMENTATION USING JENKINS:

- Orchestrated the implementation of a CI/CD pipeline for a Node.js application using Jenkins declarative pipelines, accelerating build, test, and deployment processes by 40%, resulting in a 30% reduction in time to market.
- Optimized image rendering and conducted Trivy scans to identify and resolve 95% of vulnerabilities pre-deployment on the Kubernetes platform, reducing security risks by 50%. Leveraged Prometheus and Grafana for real-time monitoring, boosting system stability by 20% and enhancing performance efficiency by 25%.

Environments: Jenkins, GitHub, Npm, Trivy, ECR, Kubernetes, EC2, Prometheus and Grafana

Education:

Bachelors in Mechanical Engineering

JNTU - Kakinada 2014 - 2018

Declaration:

I hereby declare that all the details mentioned above are true to the best of my knowledge and belief.

(R. Mahesh)