Somisetty Veera Shiva Karthik

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Professional Summary

Dedicated and enthusiastic B. Tech graduate in Computer Science and Engineering with expertise in DevOps, cloud computing, and automation. Proficient in CI/CD tools, cloud platforms, and infrastructure automation. Seeking an entry-level DevOps Engineer role to drive efficient and scalable development processes.

Skills

- CI/CD Tools: Jenkins
- Cloud Platforms: AWS Services
- Containerization: Docker, Kubernetes
- Configuration Management: Ansible
- Infrastructure as Code (IaC): Terraform
- Scripting Languages: Linux, Shell Scripting,
- Networking: VPC, Load Balancing, DNS
- Monitoring Tools: Nagios, Cloud Watch
- Version Control: Git, GitHub
- Tools: Maven

Certifications

- AWS Cloud Virtual Internship - APSCHE-EduSkills, 2024
- AWS Academy Graduate - AWS Academy Cloud Foundations - Amazon Web Services, 2024

Projects

1. CI/CD Pipeline Setup Using Jenkins:

    - Automated build and deployment using Jenkins.
    - Integrated with GitHub for version control and continuous integration.
    - Achieved a 40% improvement in release cycles.

2. IoT-based Animal Monitoring System:

    - Designed a real-time animal health and location monitoring system.
    - Used IoT devices and GPS for data collection and cloud storage for analysis.
    - Provided real-time alerts to stakeholders, improving management efficiency.

3. Web Application Deployment Automation Using Jenkins, Docker, and Ansible:

    - Provisioning two EC2 instances for Jenkins and Docker.
    - Installing and configuring Jenkins, Docker, and Ansible.
    - Deploying a custom web application with Nginx using Docker containers.
    - Integrating GitHub webhooks for triggering automated builds upon code updates.
    - Ensuring seamless communication between Jenkins and the Docker server using SSH.

Education

- Bachelor of Technology in Computer Science and Engineering
  G. Pullaiah College of Engineering and Technology, Kurnool (2020 - 2024)
- Intermediate
  Narayana Junior College (2018 - 2020)
- High School
  Ravindra Bharathi School (2018)