VOMKESH PAVAN.R

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Objective

Motivated and enthusiastic graduate with a strong foundation in Linux administration, cloud computing, and DevOps practices.Seeking an entry-level DevOps Engineer position where I can leverage my skills in AWS, Docker, Jenkins, Maven, and other CI/CD tools to contribute to efficient software development and deployment processes.

Technical Skills

- Languages: Python, Java, C#, Bash
- Cloud Services: **AWS** EC2, S3, RDS, Lambda
- Operating Systems: Linux (RHEL, Ubuntu), Windows
- Cloud Platforms: Amazon Web Services (AWS), EC2, S3, IAM, VPC, CloudWatch
- Containerization & Orchestration: Docker, Kubernetes (basic)
- CI/CD Tools: Jenkins
- Version Control: Git, GitHub, Bitbucket
- Automation & Scripting: Bash, Python, Shell scripting (basic)
- Build Tools: Maven
- Static Code Analysis & Quality: SonarQube
- Artifact Management: Nexus Repository
- Monitoring & Logging: Prometheus, ELK Stack (basic knowledge)
- Testing Tools: Selenium
- Configuration Management: Ansible (basic)
- Databases: MySQL, MongoDB (basic)

Education

2018-22
Backstage Pass

B.Tech

Backstage pass institute of Gaming and technology. (Madhapur, HYD).
I have completed course of Computer science and game development.

Languages

- English
- Telugu
- Hindi

Expertise

PROJECT EXPERIENCE

1. Continuous Integration and Continuous Deployment (CI/CD) Pipeline using Jenkins

- Set up a Jenkins pipeline for automating build and deployment processes for a Java-based application.
- Integrated GitHub repository with Jenkins for automatic code integration and build.
- Configured Maven as the build tool, ensuring successful builds and unit tests before deployment.
- Deployed applications to AWS EC2 instances using Jenkins pipelines.

2. Dockerized Application Deployment

- Dockerized a sample Node.js application to create isolated environments for development and testing.
- Wrote Dockerfiles to define application dependencies, allowing for easy replication across environments.
- Utilized Docker Compose for orchestrating multi-container applications.

3. Cloud Infrastructure Setup on AWS

- Set up an AWS environment including EC2 instances, VPC, and IAM roles for secure access.
- Automated instance provisioning using AWS CLI and Python scripting.
- Utilized AWS S3 for artifact storage and EC2 for application deployment.

4. Static Code Analysis with SonarQube

- Integrated SonarQube with Maven to perform automated static code analysis.
- Identified code quality issues and provided recommendations for improvement.
- Configured quality gates in SonarQube to enforce coding standards and ensure high-quality code.

***5.* Version Control & Artifact Management using Git & Nexus**

- Managed source code and collaborated with teams using Git and GitHub.
- Integrated Nexus Repository to manage build artifacts and dependencies for Java-based applications.