Peddireddy Hari Vardhan Reddy, (DevOps Engineer)

As an experienced DevOps Engineer with over 2+ years of expertise, I specialize in designing, developing, and executing high-quality automation pipelines and infrastructure using various DevOps tools and practices. Proficient in Java, Python I leverage my solid grasp of object-oriented programming to ensure the reliability and efficiency of the deployment and continuous integration processes. With expertise in infrastructure as code, CI/CD pipelines, and orchestration, I excel at collaborating with cross-functional teams to streamline development and operations workflows, consistently delivering quality work within tight deadlines. My unwavering commitment to continuous improvement drives my passion for optimizing software delivery and DevOps practices.

WORK EXPERIENCE

TCS, DevOps Engineer   ***Location: - Bangalore***

I possess 2+ years of experience in DevOps in E-Commerce applications with expertise in DevOps Principles. I have:

Responsibilities:

CI/CD Pipeline Implementation:

- Design, implement, and maintain robust CI/CD pipelines using tools such as Jenkins, Git, and Docker to automate software delivery and deployment processes.

Infrastructure as Code (IaC):

- Utilize Infrastructure as Code tools like Terraform or CloudFormation to automate the provisioning and configuration of infrastructure, ensuring consistency and scalability.
- Automation Scripts Development:

- Develop automation scripts and workflows to streamline and enhance various aspects of the software development and operations lifecycle.
- Version Control and Code Quality:

- Manage version control systems (e.g., Git) and collaborate with development teams to ensure code quality, code reviews, and best practices.

Monitoring and Alerting:

- Implement monitoring solutions (e.g.,Prometheus) to track system health and performance, and set up alerting systems for proactive issue resolution.

Containerization and Orchestration:

- Utilize containerization technologies like Docker and orchestration tools like Kubernetes to manage and orchestrate containerized applications efficiently.

Security and Compliance:

- Implement security best practices and ensure compliance with industry standards. Perform vulnerability assessments and apply security patches as needed.

Cloud Services Management:

Manage cloud infrastructure (e.g., AWS, Azure, GCP) and services, optimizing resource allocation, and cost-effectiveness.

- Collaborate with cross-functional teams, including developers, QA engineers, and system administrators, to ensure smooth and efficient development and deployment processes.

Proficiency in scripting languages, such as Python or Shell, for automation of routine tasks and system maintenance.

Personal Info:

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Education:

- **BE/BTech** -**ECE** Kalasalingam University (2017-2021).
- I**ntermediate** -**MPC** Sri Chaitanya Jr. college (2015-2017)
- **SSC -** (2014-2015) Gopi Krishna High Schools (2014-2015)

Skills:

- Core Java
- Python Scripting
- Docker
- Kubernetes
- Shell Scripting
- Git & GitHub, Jenkins
- Terraform
- Docker,
- AWS Cloud
- SQL
- Linux & Bash Scripting

Tools:

- Jira
- VS-Code

Achievements:

- On The Spot Awards 2 Times
- Best Learner Award
- Best Performer Award

Certifications:

- Completed Selenium with Java on Udemy
- Completed   Docker Udemy Course
- Completed Kuberenetes Basics