PRATYUKTA MOHAPATRA

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[Pratyukt-Linkedin](), [Pratyukt-Blogs](), [Pratyukt-Github]()

SUMMARY

Results-driven DevOps Engineer with a proven track record of optimizing project outcomes through cost-effective solutions and streamlined workflows. Skilled in leveraging Docker, Jenkins, Kubernetes, Ansible, and AWS to automate processes and enhance efficiency, with expertise in Python and Bash scripting for robust system management.

WORK EXPERIENCE

DevOps Engineer , Apmosys Technologies Pvt Ltd.   **Jan 2024 - Feb 2025 - Present**

- Implemented cost-effective solutions using Distroless Docker images and AWS optimizations, resulting in a 20% reduction in project expenses.
- Streamlined DevOps workflows with Jenkins, Kubernetes, and Ansible, enhancing overall efficiency by 25%.

Software Engineer L1 Intern , Akhrabhi Softlabs   **July 2024 - Dec 2024**

- Worked as an IT administrator on project timelines as an intern, reducing deployment times by 30% through efficient use of Proxmox virtualization and optimized server configurations.
- Spearheaded the adoption of advanced firewall solutions like pfSense and Sophos, improving network security and project accuracy by 15%.

PROJECTS

Auto Execution Project

- Architected a CI/CD pipeline with Jenkins, Docker, and GitLab to build JARs from new versions and run API-driven tests every 15 minutes with batch IDs.
- Engineered a Python solution for containerization, executing JARs and automating GUI testing with x11 VNC.
- Integrated MySQL for batch tracking and SonarQube for code quality assurance.
- Deployed on Amazon EKS for scalable, resilient containerized execution and cleanup.
- Enabled remote testing via SSH with file transfers into containers.

Microservice Deployment

- Designed a CI/CD pipeline for deploying 4 microservices apps, integrating Git, OpenStack VMs, and Docker Compose.
- Developed a base image on OpenStack VMs, using Docker Compose to containerize app-specific dependencies and build microservices images.
- Implemented Trivy for image scanning, SonarQube for code analysis, JUnit for unit testing, and functional testing, with logs stored in Elastic.
- Automated report generation post-testing for deployment validation.
- Deployed on Amazon EKS for scalable, resilient microservices orchestration.

TECH STACK

Linux	AWS	VPC	Podman	Virtualbox	Bash
Docker	ELK	Grafana	Cloudstack	Github	VMware
Jenkins	S3	Elastic	Vagrant	Gitlab	
Ansible	EC2	Sonarqube	Proxmox	Java	
Kubernetes	ECS	Trivy	Git	Python	

EDUCATION

MCA :   Trident Academy of Creative Technology   **2022 - 2024**
Graduated with **9 CGPA**

                                                             2019 - 2022
BCA :   Swami Vivekanand Memorial College
Graduated with **9.1 CGPA**

                                                             2017 - 2019
BSC :   Swami Vivekanand Memorial College
Graduated with **53 Percentage**

                                                                  2017
10th :   Saraswati Sishu Vidya Mandir
Graduated with **88 Percentage**

ADDITIONAL INFORMATION

- **Languages:** English, Hindi , Odia
- **Certifications:** Docker Udemy , Jenkins Udemy , NPTEl MIS , IOT , Intellectual Property