

Rajasekhar

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DevOps Engineer

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### Objective:

Having Around **1.4 years** of Professional experience as a **DevOps Engineer** in IT Infrastructure. Seeking a Technical position fully utilizing strong customer service attitude, exceptional organizational ability and technical skills.

### Professional Summary:

- ❖ Having Around to 3+ Years hands on Professional IT experience prioritizing **AWS, DevOps** and involved in Automation of Configuration Management, Security, Cloud Resource Utilization.
- ❖ Proficient in **DevOps** culture through **CI/CD** tools like **Jenkins**.
- ❖ Ability to architect and implement transition to **Docker** and develop distributed cloud system using **Kubernetes**.
- ❖ Handful experience in creating playbooks, for install, configure the application packages, and maintaining, and also update them using **Ansible**.
- ❖ Designing cloud infrastructure with AWS services like **EC2, ELB, VPC, S3, EBS, CloudWatch** and **IAM**.
- ❖ Professional Experience on Containerization tool like **Docker**, Writing Docker file for creating Docker images and containers for different Environments.
- ❖ Hands-on experience on Container Orchestration tool like **Kubernetes**, their Objects Automate the deployments, horizontal autoscaling for High Availability.
- ❖ Experience in implementing and managing Docker-based infrastructure using **Kubernetes**.
- ❖ Experience in application servers like **Apache Tomcat**.
- ❖ Experience on monitoring tools like **Prometheus and Grafana**.
- ❖ Good knowledge on various web servers like **Nginx**, and **Apache (httpd)**.
- ❖ Managed daily Builds, and Deployed to QA. Debugged build failures and worked with Dev, and QA people to resolve their Issues.

### TechnicalSkills:

|                              |   |
|------------------------------|---|
| Version Control System tools | Git, GitHub.                              |
| Operating Systems            | Linux, Windows.                           |
| Configuration Management     | Ansible.                                  |
| Build Tool                   | Maven.                                    |
| Web Application Server       | Apache Tomcat, Apache HTTP Server, Nginx. |
| Continuous Integration Tool  | Jenkins.                                  |
| Monitoring Tools             | Prometheus, Grafana,                      |
| Cloud Environment            | AWS.                                      |
| Containerization             | Dockers, Kubernetes.                      |
| Tracking Tool                | Jira.                                     |
| Artifactory                  | Nexus.                                    |
| Static Code Analysis         | SonarQube.                                |

### EducationalQualification:

- ❖ I did Graduation in Govt Arts college Anantapur Affiliated to SK University.

### ProfessionalExperience:

- ❖ Working as a DevOps Engineer at **Axa Business Services Pvt. Ltd.** from Oct 2020 to Jan 2022.

## Roles & Responsibilities:

- ❖ Automated various infrastructure activities like **Continuous Deployment**, Application Server set up, Stack monitoring using **Ansible playbooks** and has Integrated **Ansible** with **Jenkins**.
- ❖ Experience in automating the infrastructure in **AWS** using **Webservices**.
- ❖ Strong knowledge and experience in **AWS** services like **EC2, S3, IAM, and ELB**.
- ❖ Developing **Docker images** to support Development and Testing Teams and their pipeline distributed **Jenkins** and **Elastic Search, Kibana** and **Logstash (ELK)** etc.
- ❖ **Docker images** for app isolation, reducing the time between provisioning and deployment from over 8 hours to less than 10 minutes.
- ❖ Written **Ansible Playbooks** to make the configuration changes, written various Roles that contain different play books with configuration details, Knowledge of **Ansible Vault**.
- ❖ Creating jobs using **Jenkins**. Manage installation of node, deployment configuration, administration, backup, Installed required **Jenkins plugins** as per the project requirement.
- ❖ Creating, Configuring, and Managing **CICD** Pipeline by Integrating **GIT, Maven, SonarQube, Nexus** with **Jenkins**.
- ❖ Involved in installing **Jenkins** on a **Linux** machine and created a Master and Slave configuration to implement multiple parallel builds through a build.
- ❖ Performed continuous Build and Deployments to multiple environments like **Dev, QA**.
- ❖ Experience in implementing and managing Docker-based infrastructure using **Kubernetes**. Manage the **Kubernetes cluster**.
- ❖ Setting up Amazon **EC2 instances, VPCs, and Security groups**.
- ❖ Setting up databases in AWS using **RDS**, storage using **S3 buckets** and configuring instance backup to **S3 bucket**.
- ❖ Monitoring all application servers and services by using **Grafana**.

## Declaration:

I hereby solemnly affirm that all the information furnished above is true to the best of my knowledge and belief.

(**Rajasekhar**)