

Ram Narendra Bhupathiraju
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Professional Experience:

- Having 5+ years of experience in IT industry and 3+ years into result Oriented DevOps Engineer possessing in- experience of managing cloud-based technology & effectively handling configuration & deployment. Implementing the concepts of CI/CD and virtualization and monitoring.

Professional Summary:

- Implementing public cloud environment using AWS Services such as **EC2 instances**.
- Setup/Managing **VPC, Subnets** make connection between different zones.
- Working experience with **RDS, ELB** and **Autoscaling**.
- Implementing core DevOps concepts such as **CI/CD, Containerisation, Virtualisation**.
- Experienced working with version control tools like **GIT** also used Source code management client tools like **GitHub**.
- Extensive experience in using Build and Automation tools like **Maven**.
- Working with **Docker files** and continuous deployment over **Docker containers**.
- Convert artifacts into **Docker images** and push those artifacts into **Docker Hub**.
- Creating and maintaining **HA Kubernetes** clusters over **aws** environment and isolate the cluster by creating namespaces.
- Writing yml files to create deployments over **k8s** clusters.
- Creating **RBAC** authentications for users/groups over k8s clusters for maintaining different environments over same **k8s** cluster.
- Maintain cluster by upgrading OS and create backups of cluster by create snapshots of **ETCD** to avoid cluster failures.
- Creating **Kubernetes** cluster and deploy docker images into **Kubernetes** cluster using high-level objects like deployments and service.
- Experienced working with Application deployments and environment configuration using **Ansible**.
- Worked on web servers like **Apache** and application servers like **Tomcat** to deploy code.
- Familiar with Monitoring tool like **Nagios** to monitor the infrastructure services.

Technical Skills:

Operating System	: Linux, Windows
Continuous Integration Tool	: Jenkins
Version Control Tool	: GitHub
Build Tools	: Maven

Code analysis	: SonarQube
Web/Application Servers	: Apache Tomcat
Configuration Management Tools	: Ansible
Container Tool	: Docker
Orchestration	: Docker Swarms and Kubernetes
Cloud Platform	: AWS
Scripting	: Shell Scripting, Groovy, YAML
ETL	: Informatica, Teradata
Iac	: Terraform

Experience Summary:

Working as a DevOps Engineer in **L&T technology services** from Sep 2020

Worked as a software engineer in **Tarento Technologies** – Oct2018 to Feb 2020

Worked as a software engineer in **Cybersoft India pvt ltd** - Apr 2015 to Sep2018

Project	: LandmarkBot
Role	: DevOps Engineer
Duration	: Sep2020 to tilldate
Client	: Halliburton
Environment	: AWS, GIT, Jenkins, Docker, Kubernetes, Terraform, Azure

Responsibilities:

- Create and maintain fully automated **CI/CD** pipelines.
- Built and deployed Docker containers.
- Implemented and maintained the branching and build release strategies utilizing **GIT**.
- K8s** Cluster creation using **terraform** in mutiple cloud environments.
- Creating onboarding namespaces in clusters by using **Helm Charts**.
- Upgrading **k8s** cluster components in azure and aws environments.
- Replace upgradation of **k8s** clusters by taking data backup and restore the data dumps in new clusters.
- Trouble shooting the clusters and fixing the validator test cases.

Project	: Multi Learn Inc
Role	: AWS / DevOps Engineer(Build and Release)
Duration	: Oct 2018 to feb2020
Client	: Euronix

Environment : AWS, GIT, Tomcat, Jenkins, Docker, Kubernetes, Ansible

Description:

Euronix is one of the largest educational related training organisation. It is an implementation and supportive project. The scope of the project is to provide best service to the students and professionals to enhance their knowledge into different technologies.

Responsibilities:

- Create and maintain fully automated **CI/CD** pipelines.
- Built and deployed Docker containers.
- Implemented and maintained the branching and build release strategies utilizing **GIT**.
- Performed all necessary day to day **GIT** support activities.
- Installing Jenkins on Linux machines and created master and slave configurations to implement multiple parallel builds.
- Integrated **GIT** into Jenkins to automate the code check-out process.
- Created server & components by application of **Virtualization Concept** using **Docker**.
- Working with Ansible playbooks to automate the deployments over **QA** and **STAGING** areas.
- writing yaml files to deploy k8s deployments.

Project: Stay Great Hotels

Role : DevOps Engineer(build and release)

Duration : Apr 2015 to Sep 2018

Environment : AWS, GIT, Maven, Tomcat, Jenkins, Docker, Kubernetes

Description:

Stay Great Hotels is an implementation and support project. It has different modules to meet the customer needs. For these we are using different technologies for both front-end and back end. The main motto of the project is to provide good service related to tours and accommodation to the end users.

Responsibilities:

- Implemented and maintained the branching and build release strategies utilizing **GIT**.
- Performed all necessary day to day **GIT** support activities.
- Integrated **GIT** into **Jenkins** to automate the code check-out process.

- Worked on **Maven** creating artifacts through source code and internal deployment in Nexus repository.
- Developed build artifacts using **Maven** as build tools and used **CI** tools to kick off the builds to move from one environment to other environments
- Integration of Automated Build with Deployment Pipeline by leveraging ansible to pick up Build artifacts from Jenkins repository and deploy in target environments (Integration, QA, and Production).

Educational Qualification:

- MCA from Dr B V Raju institute of computer education affiliated to Andhra University, during 2011-2014 with 7.79 CGPA.

Declaration:

I hereby declare that all the above details are true and correct to the best of my knowledge and belief.

(Ram Narendra Bhupathiraju)