**Phaneendra**

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**Professional Summary:**

* Having 8+ years of experience as a **DevOps Engineer**.
* Hands-on Experience in DevOps tools like Git, Gitlab, Maven, Nexus, Jenkins, Ansible, Docker, Kubernetes, Azure and Aws, Azure DevOps.
* Has Good Working experience on Linux and Windows platforms. Worked on shell scripting to automate manual and repetitive tasks.
* Hands-on experience in the installation and configuration of Git. Experience in using a build tool like a Maven.
* Strong exposure in utilizing Jenkins and as the CI/CD tool and built the code integration, code delivery, and release pipelines.
* Configure jobs and pipelines using Azure DevOps Pipeline, and troubleshoot problems arising from Build failures.
* Experience in artifact management tools like Nexus, and Stores the project dependencies by using Nexus.
* Administered and implemented Continuous Integration using Jenkins for deployments.
* Expertise in writing Groovy script for Jenkins Pipelines to automate the complete CI/CD for Java-based applications.
* Experience in configuration management tools like Ansible and written multiple playbooks.
* Experience in Docker container Services and creating custom Docker Images using Docker files.
* Set up and managed Docker containers, running Java or Dotnet applications, for deployment into Kubernetes Pods.
* Used Ansible Playbook to deploy code to respect the environment.
* Worked on Azure VM and configured using Terraform.
* Worked on AWS instances and configured DevOps tools in AWS Linux servers.
* Experience with Enterprise and Open-Source tools. Installed, configured, upgraded, and managed.
* Deploy the application in Kubernetes using helm chart or Kustomize tools.
* Hands-on Experience with software containerization platforms like Docker and container orchestration tools like Kubernetes
* Configure and install required packages on the remote server using Ansible.
* Experience with the provision of the virtual machine using Terraform.
* Good knowledge of infrastructure as code using Terraform.

**Experience:**

* Working as **Consultant** for **Affine Analytics Private Limited**, Bangalore from Oct 2024 to Present.
* Worked as **Sr. DevOps Engineer** for **Infosys,** Bangalore from February 2023 to August 2023.
* Worked as **Sr**. **Software Engineer for Tetra Soft India Pvt Ltd,** Hyderabad from April 2021 to December 2022.
* Worked as **Associate** **Projects** for **Cognizant,** Hyderabad from April 2019 to April 2021
* Worked as **DevOps Engineer** for **Accenture,** Bangalore from July 2017 to April 2019
* Worked as **Associate Software Engineer** for **Info Tree Software Solutions India Private Ltd,** Hyderabad from June 2015 to July 2017.

**Education:**

* Master of Information Technology from Acharya Nagarjuna University in 2014.

**Certifications:**

* AZ-900: Microsoft Azure Fundamentals in July 2022.
* AZ-400: Designing and Implementing Microsoft DevOps Solutions in September 2023.
* AWS Educate Introduction to Cloud 101 on December 07, 2023.

**Technical Skills:**

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| **Source Code Management Tool** | **Git-2.80, GitHub, GitLab** |
| **Build Tool** | **SBT, Maven 3.3.9** |
| **Continuous Integration/Automation Tool** | **Jenkins 2.107.1,2.222,2.235,** **Azure DevOps Pipeline** |
| **Containerization tool** | **Docker-18.06** |
| **Configuration Management/Automation** | **Ansible 2.4, 2.8,2.9, Terraform** |
| **Operating Systems** | **Linux (RHEL-6,7, CENTOS-6,7), Windows** |
| **Application Server** | **Apache Tomcat 7.5** |
| **Web Server** | **HTTPD, Nginx** |
| **Artifactory Server** | **Nexus-3.3** |
| **Databases** | **MYSQL-5.7,10.0** |
| **Scripting script** | **Shell Script, Bash Scripting** |
| **Container Orchestration** | **Kubernetes 1.8, Aks** |
| **Infrastructure as code (Iac) Tool** | **Terraform** |
| **Cloud Technologies** | **Azure, Aws** |

**Projects:**

**Affine Analytics Private Limited**

* Role: **Consultant Architect** (Oct 2024 To Present)
* Technologies: Git, GitHub, Jenkins, Golang, Nexus, Docker, Ansible, Kubernetes, Azure, API Management, Azure DevOps, Azure Container apps, Terraform.

**Responsibilities:**

* Merging the code from the sprint branch to the master.
* Resolve the merge conflicts in Git.
* Configured Jenkins Jobs for generating Project artifacts.
* Handling the Build and Deployment process.
* Creating a Jenkins file for generating the project jar and deploying the respect environment like Dev, Sit, and Prod.
* Configure the Kubernetes cluster to multiple environments like Dev, Sit, and Prod environments.
* Documenting all the Build and deployment-related issues.
* Automated build and deployment using Jenkins to reduce human error and speed up production processes.
* Developed and maintained an automated CI/CD pipeline for code deployment using Jenkins
* Used Jenkins to perform automated CI.
* Hands-on Experience with software containerization platforms like Docker and container orchestration tools like Kubernetes.
* Deploy the application in Kubernetes using Helm charts.
* Work with Private Docker Registry - Software is built as Docker images.

**Infosys**

* Role: **Sr. DevOps Engineer** (February 2023 to August 2023)
* Technologies: Git, GitHub, Jenkins, Golang, Nexus, Docker, Ansible, Kubernetes, shell scripting.

**Responsibilities:**

* Merging the code from the sprint branch to the master.
* Resolve the merge conflicts in Git.
* Configured Jenkins Jobs for generating Project artifacts.
* Handling the Build and Deployment process.
* Creating a Jenkins file for generating the project jar and deploying the respect environment like Dev, Sit, and Prod.
* Configure the Kubernetes cluster to multiple environments like Dev, Sit, and Prod environments.
* Documenting all the Build and deployment-related issues.
* Automated build and deployment using Jenkins to reduce human error and speed up production processes.
* Developed and maintained an automated CI/CD pipeline for code deployment using Jenkins
* Used Jenkins to perform automated CI.
* Hands-on Experience with software containerization platforms like Docker and container orchestration tools like Kubernetes.
* Deploy the application in Kubernetes using Helm charts.
* Work with Private Docker Registry - Software is built as Docker images.

**Tetra Soft India Pvt Ltd, Hyderabad**

* Role: **Senior software engineer** (April 2021 to December 2022)
* Technologies: Git, GitHub, Jenkins, Nexus, Docker, Terraform, Kubernetes, AKS, Azure, Azure DevOps, Windows, Duck Creek,kustomize.

**Responsibilities:**

* Merging the code from the sprint branch to the master and resolving the merge conflicts.
* Creating a Jenkins file for generating the project jar and deploying the respect environment like Dev, Sit, and Prod.
* Perform deployments to multiple environments like Dev, Sit, and Prod environments.
* Installed and Configured the Nexus repository management for sharing the Artefacts within the organization.
* Configure jobs and pipelines using Azure DevOps Pipeline, and troubleshoot problems arising from Build failures.
* Implemented infrastructure-as-code practices, enabling the team to manage and version control infrastructure changes using Git and Terraform.
* Implemented Infrastructure as Code pipelines using Jenkins, integrating Terraform with CI/CD processes for streamlined and consistent deployments.
* Provision the Azure services using Terraform code.
* Documenting all the Build and deployment-related issues.
* Configured Jenkins master and Build Slaves as Docker containers.
* Automated build and deployment using Jenkins to reduce human error and speed up production processes.
* Integrated Nexus/Artifactory for managing artifacts, ensuring proper versioning and dependency management across the project lifecycle.
* Developed and maintained an automated CI/CD pipeline for code deployment using Jenkins.
* Automated infrastructure provisioning for Java applications using Terraform ensuring repeatable and consistent environments across multiple cloud providers.
* Hands-on Experience with software containerization platforms like Docker and container orchestration tools like Kubernetes.
* Deployed and managed microservices on azure Kubernetes clusters(AKS), implementing Helm charts for easy deployment and scaling.
* Deploy the application in Kubernetes using Kustomize tool.
* Work with Private Docker Registry - Software is built as Docker images.

**Cognizant Technology Solutions India Private Limited Hyderabad**

* Role: **Associate projects** (April 2019 to April 2021)
* Technologies: Git, Gitlab,Maven, SonarQube, Java, Jenkins, Nexus, Docker, Linux, Aws, Ansible, Kubernetes, helm chart.

**Responsibilities:**

* Handling Releases and Branching activities on Git.
* Resolve the merge conflicts in Git.
* Configured Jenkins Jobs for generating Project artifacts.
* Handling Build and Deployment process.
* Worked closely with development teams to streamline Java application deployments, resolve build issues, and improve overall development processes.
* Writing the groovy script for configure the CI/CD pipeline setup on Jenkins.
* Developed and maintained CI/CD pipelines for Java-based applications using Jenkins, Azure pipeline, reducing deployment time by 40%.
* Creating Jenkins file for generating the project jar and deploying the respect environment like Dev, UAT, and Prod.
* Installed and Configured the Nexus repository management for sharing the Artefacts within the organization.
* Configured docker, maven, and python repo on Sona type Nexus.
* Integrated Nexus/Artifactory for managing Java artifacts, ensuring proper versioning and dependency management across the project lifecycle.
* Documenting all the Build and deployment-related issues.
* Configured Jenkins master and Build Slaves as Docker containers.
* Creating playbooks for code moves to respect environments like Dev, UAT, and Prod.
* Automated build and deployment using Jenkins to reduce human error and speed up production processes.
* Work with Private Docker Registry - Software is built as Docker images.
* Deployed and managed Java microservices on Kubernetes clusters, implementing Helm charts for easy deployment and scaling.
* Set up the Git repo, and nexus repo, configure the Jenkins job and SonarQube, and write the ansible playbooks for new project onboarding.
* Deploy the application in Kubernetes using a helm chart.

**Accenture India Private Limited**

* Role: **DevOps Engineer (**July 2017 to April 2019**)**
* Technologies: Git, Gitlab, Maven, SonarQube, Java, Jenkins, Nexus, Docker, Linux, Ansible

**Responsibilities:**

* Handling Releases and Branching activities on Git.
* Handling the Build and Deployment process.
* Creating a Jenkins file for generating the project jar and deploying the respect environment like Dev, UAT, and Prod.
* Installed and Configured the Nexus repository management for sharing the Artefacts within the organization.
* Documenting all the Build and deployment-related issues.
* Configured Jenkins master and Build Slaves as Docker containers.
* Creating playbooks for code moves to respect environments like Dev, UAT, and Prod.
* Automated build and deployment using Jenkins to reduce human error and speed up production processes.
* Worked closely with development teams to streamline Java application deployments, resolve build issues, and improve overall development processes.
* Used Jenkins & Ansible to perform automated CI/CD
* Responsible for writing Ansible playbooks for installing the packages, and services in Linux machines and configuring, and updating them.
* Integrated Nexus for managing Java artifacts, ensuring proper versioning and dependency management across the project lifecycle.

**Info Tree Software Solutions India Private Ltd, Hyderabad**

* Role: **Associate Software Engineer (**June 2015 to July 2017**)**
* Technologies: Git, Github, Maven, Java, Jenkins, Nexus, Linux.

**Responsibilities:**

* Maintain GIT Repositories, Handling Releases and Branching activities for GIT.
* Handling the Build and Deployment process for Java-based applications.
* Worked closely with development teams to streamline Java application deployments, resolve build issues, and improve overall development processes.
* Perform deployments to multiple environments like Dev, QA, and UAT environments.
* Configured Jenkins Jobs for generating Project artifacts.
* Installed and Configured the Nexus repository management for sharing the Artefacts within the organization.
* Configured Jenkins master and built slaves as Docker Container.
* Responsible for taking the source code and compiling using Maven and packaging it in its distributable formats, such as a JAR, WAR, or ZIP.
* Documenting all the Build and deployment related issues.
* Writing and maintaining scripts to automate daily and manual procedures.