

UPASANA TUDU

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SUMMARY

- 3.11 years of total work experience in IT industry.
- 2.5 years of work experience as a DevOps Engineer.
- Build and Deployment under different testing Environments starting from development to staging and production
- Maintaining GitHub, Git, and Jenkins. Debugging issues if there is any failure or issues in broken Jenkins build and maintaining Jenkins build pipeline.
- Managed version controls like Git, Subversion for teams over developers with the responsibilities of installation, maintaining projects/repositories, users/user-groups, branching/snapshots/release.
- I have experience with build tool Maven.
- Building of source code using Maven. Troubleshooting build/compile/configuration.
- Extensive experience includes DevOps, Build/Release Management and Change/Incident Management performing duties such as monitoring, automation, deployment, documenting, and support and troubleshooting.
- Extensively worked on Jenkins for continuous integration and for End to End automation deployments.
- Worked on Jenkins by creating jobs and Build and deployment using the same.
- Jenkins Continuous Integration Server – Installation, Configuration.
- Scheduled builds overnight to support development needs using Jenkins, Git and Maven
- Participate in building the DevOps Platform using configuration management tools like Ansible.
- Familiar with software Development Life Cycle (SDLC) process, Used Agile methods for project planning and execution.
- Performed continuous build and deployment to Non-Prod environments.
- Define and employ common approach for processes such as build schedules, deployments, release requests, environment outage tracking and resolutions
- Having Knowledge on Azure Fundamentals.
- Created and managed a Docker deployment pipeline for custom application images in the cloud using Jenkins.
- Focused on containerization and immutable infrastructure. Docker has been core to this experience, along with Kubernetes
- Used Kubernetes to deploy scale, load balance, scale and manage docker containers with multiple namespace versions.
- Having work knowledge in Remedy tool to create various change.
- Ability to learn new technologies and quickly get adapted to different work environments.

EDUCATION

- Have completed my **B.Tech** graduation in Information & Technology from BPUT in 2016.

TECHNICAL SKILL AND EXPERIENCE

Source Control	Git
Build Tools	Maven
Operating System	Linux, Windows
Continuous Integration	Jenkins
Private Docker repository	Nexus
Configuration management	Ansible
Continuous server monitor	Nagios
Cloud Environment	Microsoft Azure
Virtualization Tool	Docker
Containerization Management	Kubernetes
Scripting and Language	Shell Scripting and Java
Database	MySQL & Oracle 20B
Application server	Tomcat, Nginx

PROFESSIONAL SUMMARY

- Worked for Accenture PVT LTD., Bengaluru as an Application Developer Analyst (Software Engineer) from JUN 2018 till date.
- Worked for Accenture PVT LTD, Bangalore as an Associate Software Engineer from Jan 2017 to May 2018

PROJECT EXPERIENCE

Company : Accenture India PVT LTD
 Duration : June 2018 - present
 Role : DevOps Support Engineer

RESPONSIBILITY

- Use agile methodology throughout the project. Involved in weekly and daily bases release management.
- Supporting continuous Integration and Continuous Development for the application Teams.
- Implementing CI/CD pipeline for all projects using Github, Jenkins and Docker.
- Troubleshooting build failure issue and build pipeline issue.
- Diagnosing POM configuration file, whenever any version related issue occurs.
- Attention to detail to ensure code Management, branch Management, build Management and Deploy Management.
- Building and maintaining Docker Images and Docker Containers.
- We are driving towards continuous integration and continuous delivery using Jenkins and Kubernetes for docker image building and deployment.
- Troubleshooting and managing Kubernetes microservices pods from UI.
- Support and working alongside agile development teams to ensure they have all the facilities to get the work done.
- Support and improve our tools for continuous build, testing and Release management
- Actively co-ordinate with the development Team for any build issue and patch throughout the release process and giving/receiving solutions/feedback in the agile way.
- Designed, Installed and Implemented Ansible configuration management system. (As a POC)
- Tracking the migration of every application using JIRA.
- Monitoring servers using Nagios.
- Conjunction with the Project Manager develop technical project plans and timelines.

- **Azure Fundamentals services, roles and responsibility.**

- ✓ **Virtual private cloud (VPC)**

- Creation of VPC, IPv4 address space, Public and private subnet creation, Internet gateways creation and attaching to VPC, Route table creation to the subnet.

- ✓ **Azure Identity & Access Management**

- Azure account security management uses Azure AD Operations for testers/dev, creation/attaching, inheriting of policies and to secure & manage the lifecycle of identities and their assignments of users, groups, organization access using roles.

- ✓ **Azure Blob Storage and Azure Files**

- Creation of storage account, creating resource group for it, upgrade storage account and moving storage account to another region.

PROJECT EXPERIENCE

Company : Accenture
 Duration : Feb-2017 to May-2018
 Role : Cloud Implementer (Oracle HCM Cloud)

RESPONSIBILITY

- Configure and set up the Learning Management setup.
- Worked as LMS Administrator.
- Performed all the End to End tests for the Learning setup.
- Configured Security setup using core HR.
- After setting up the whole learning setup managed the LMS page like its modules, the number of learners in it and then the security of LMS.
- Prepared Test Case for LMS.
- Reviewing/Preparing the End to End Scenarios
- Reporting daily status to Client lead on the tasks performed.
- Use of Unified Service Now to perform issue related activities.

CERTIFICATION

- Certified on Microsoft Azure Fundamentals: AZ-900 by Microsoft (MID: 990187996)
- Underwent Docker Training at Accenture, Bangalore.
- Trained on Ansible (Red hat- DevOps configuration Management Tool) from Udemy.

PERSONAL DATA

Gender	: Female
Nationality	: Indian
Date of Birth	: 22 May 1993
Address	: Indus Innova, Mahadevapura, Bangalore, karantaka-560048
Language	: English, Hindi, Odia
Hobbies	: Reading Novels, Playing games