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PROFESSIONAL SUMMARY

- Overall **5.6 years of experience in IT industry ,4.6 years in implementation of DevOps** in Continuous Integration , Build/Release Management, Software Configuration Management and Cloud Services ,Around **1 year in Software Testing.**
- Experience in working with AWS services, **EC2** instances,ELB,Auto Scaling, **Route53,S3**,Glacier, **VPC, IAM,SNS** and management tools like **cloud watch** and **cloud trail.**
- Experience in creating or configuring infrastructure to an **Auto-scaling group** to achieve scale-up or scale-down infrastructure, **ELB** (elastic load balancing) for load distribution for high availability.
- Worked on creating **AMI'S** (Amazon machine images) for backup and Replication of same environment in different region.
- Experience in Storage Management Using **S3** (Simple Storage Service) and **Glacier.** Creating buckets for S3, adding objects to buckets and applying proper archival/ backup policies.
- Working on source control tools like **GIT and SVN**, Strong knowledge on source controller concepts like **Branches, Merges and Tags.**
- Expertise in using build tool like **MAVEN** for building of deployable Artifacts such as war and jar from Source Code.
- Experience in configuring **Jenkins** to perform continuous integration (**CI**), Continuous Delivery (**CD**) for the application.
- Hands on experience in using **Nexus** for artifact storage and for downloading artifacts for testing and deploying to applications. Integrated **Sonar-Qube** with Jenkins for continuous inspection of code quality.
- Experience on containerization tool **Docker** writing **Docker files** for creating **Docker images** and containers for different environments.
- Hands on experience in creating Custom **Docker** images using **Docker file** and Knowledge over **Docker Networking and Docker Volumes.**
- Expertise in Configuration Management Tool like **Ansible** for writing **playbooks**, creating **Roles.**
- Experience on automating build and deploy of Java applications to different environments like **Dev, QA, and UAT** by using **Ansible** and **Jenkins.**
- Good understanding over clustering using **Kubernetes** and Architecture of Kubernetes.
- Experience in **Linux administration, Windows Operating System.** Extensively worked on **Ubuntu .**
- Extensively used **Ansible** as a configuration management tool for provisioning, orchestration, packages, services, deployments.
- Knowledge on **Software Development Life Cycle (SDLC)** processes.
- Good exposure in Requirements understanding and analyzing and familiar with **Test Strategy** and **Test Plan.**
- Preparation of **Test cases** and execution & reporting.
- Ability to write **Test cases** and review,run and **generate Test reports.**
- Experience in **Functional, System** and **Regression Testing.**
- Involvement in preparation of **Test cases** and executing the same **Test results analyzing**, sending suggestions and defects.
- Analyzed **Business Requirements** and **System Specification Documents** and Get a better Understanding of the system.

EDUCATION

Bachelor of Electronics and Instrumentation Engineering – JNTU, Hyderabad India.

TECHNICAL SKILLS

Operating Systems	Linux(ubuntu), Windows.
AWS(Cloud Technology)	AWS-EC2,VPC,ELB,IAM,S3,AutoScaling,Route53,SNS,CloudWatch etc.
Version Control Systems	Git,GitHub.
Configuration Management tools	Ansible.
Build Automation Tool	Maven.
CI Tool	Jenkins.
Application Servers	Apache Tomcat.
Languages	Shell scripting.
Monitoring tools	cloudwatch.
Containerization Tool	Docker, Kubernetes.

PROFESSIONAL EXPERIENCE

- Working as **DevOps Engineer** in **DHATSOL SOLUTIONS Pvt LIMITED** Since Aug 2016 ,HYDERABAD
- Worked as **Software Test Engineer** in **CMC LTD**, from Jan 2012 to Oct 2012 ,HYDERABAD

Project : Elifplus

Role : Cloud / DevOps Engineer

Project Responsibilities:

- Involved in using **Jenkins as a Continuous Integration**, **Maven** as a build tool to generated a WAR file, uploaded in Nexus binary repository and deployed in web/application servers like Apache Tomcat.
- Extensively worked on Setting and building **AWS** infrastructure using resources **VPC, EC2, S3, IAM, Route53, SNS, CloudWatch, CloudTrail, Auto Scaling**.
- Configured **Elastic Load balancer** (ELB) including high availability of ELB and health check for application.
- Created **S3 buckets** and maintained and utilized the policy management of **S3 buckets** and Glacier for storage and backup on AWS.
- Experience in creating notifications and alarms for **EC2 instances** using **CloudWatch**
- Created **Jenkins CICD** pipelines for continuous build & deployment and integrated Junit and SonarQube plugins in Jenkins for automated testing and for Code quality check.
- Implementing a Continuous Delivery framework using **Jenkins, Ansible, Maven & Nexus** in Linux environment.
- Installed and configured GIT and GITHUB at organization and used Git extensively in each and every project to store all kinds of code.
- Coordinated with developers for establishing and applying appropriate branching, labeling/naming conventions using **GIT** and Github
- Responsible for installing **Jenkins master** and **slave nodes** and configure Jenkins builds for continuous integration and delivery.
- Configuring **Jenkins** with **Github** to automate the integration, when source code is pushed and notify the errors to developers.
- Verifying the **logs** if build fails.
- Writing **playbooks** for installing and configuring the EC2 instances and automate deployments.
- Performing deployments to multiple environments like **Dev, QA, UAT & Production** environments.

- Used Ansible , which provides an easy-to-use **dashboard** and role based access control, so that it's easier to allow individual teams access to use **Ansible** for their deployments.
- Used Jenkins pipelines to drive all micro services builds out to the **Docker registry** and then deployed to **Kubernetes**, Created Pods and managed using Kubernetes.

Project: Hospital Care Logistics System(HCLS)

Role: Build and Release Engineer

Project Responsibilities:

- Managed daily **builds** and **releases** to all the environments.
- Debugged build failures and worked with **developers** and **QA** personnel to resolve related issues.
- Experienced in defining various **branching and merging strategies**.
- Experienced in defining various **build** and **release** workflows.
- Used Jenkins & Ansible to perform automated CI Builds and Deployments.
- Responsible in building key based SSH authentication with nodes, creating inventory of remote hosts and playbooks.
- Installed and configured **Jenkins** with different tools (plug-ins) for continuous integration process.
- Build and deployed Java application in **Tomcat** from Jenkins by invoking required scripts. Responsible for setting up distributed builds using Master/Slave concept .
- Automated build and deployment using Jenkins to reduce human error and speed up production process.
- Used Sonatype Nexus repository as internal repository to store artifacts.
- Good understanding of **Amazon Web Services (AWS)**, Creating EC2 Instances, S3 and configuring all necessary services.
- Configuring the **Docker** containers and creating Docker files for different environments.
- Communicating with other interfacing teams like Development, E2E Testing, Downstream applications, etc for deployment and environment related issues and to deliver the Releases as per deadlines.
- Working closely with offshore resources and providing support and advice on best practices for **SCM** and build automation.

Project: FTS BOTSWANA

Role: Software Test Engineer

Project Responsibilities:

- Extensively Worked on Requirements Analysis, **Test Strategy Plan and Test Case Design** and Review, Sanity testing, Integration testing, System and Functional testing.
- Preparation of **Test cases and execution & reporting**.
- Ability to write **Test cases and Test Scenario**, review and generate Test reports.
- Well-versed in conducting **Re-Testing and Regression Testing**.
- Sound understanding of **Software Development Life Cycle (SDLC)** and involvement in Software Testing Lifecycle.
- Understanding **Software Requirement Specification** and identifying the required Test Scenarios for Projects.
- Experience in **Executing Test Cases** to test the application functionality against the requirements manually.
- Executed the **Test Cases and Test Scenarios** and submitted the Reports to the Project Manager.

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