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Objective:

Extremely passionate and dedicated professional seeking an organization that persuades learning and has scope for personal and professional growth in the field of automation, configuration and deployment management.

Work experience:

- Working as **DevSecOps** Engineer in **Greenway Health LLC**.
- Worked as **Sr.DevOps** Engineer in **Trinet**.
- Worked as **DevOps** Engineer in **Wells Fargo**
- Worked as **DevOps** Engineer in **ESMOB Technologies**.

Professional summary:

- As a Devops engineer I have an experience of 8 years in automation, configuration management and cloud services.
- Provisioned multi-stack servers with the help of configuration management tool **Ansible**.
- Profound experience in writing **Ansible playbooks** to configure systems and created **Roles** as a prophecy for reusability of playbooks.
- Expertise in building automated CI/CD pipeline with the help of **Jenkins** and versioning artifacts using **JFrog** repository manager.
- Configured Jenkins job with **Maven** build tool and accomplished continuous deployment by integrating **Ansible** and Jenkins using **Jenkins plugins**.
- Experience on all areas of Jenkins like Plugin Management, Securing Jenkins, Performance issues, Analytics, Scaling Jenkins, integrating Code Analysis and Test Phases to complete the CD pipelines within Jenkins.
- Experience of using distributed version control system **GIT**.
- Automated deployment to various environments like **DEV, QA, UAT/STAGING**.
- Configured Jenkins nodes to build jobs in the view of distributing the load of Jenkins server and achieved **parallel builds**.
- Familiar with matrix-based security in Jenkins to restrict the users of Jenkins at different levels.
- Provisioned environments using **Docker** and **vagrant**.
- Hands on installation of application servers such as apache, apache-tomcat, mysql, nginx.
- Hands on experience of AWS services in the process of providing cloud-based solutions to client.
- Experience of configuring highly available, secure and robust virtual private cloud (VPC) in **AWS**.
- Expertise in creating backup of **EBS** and restoring it in the desired region.
- Experienced in **AWS Cloud Computing** services, such as EC2, VPC, ELB, Auto scaling, Security Groups, Route53, IAM, EBS, AMI, RDS, S3, SNS, SQS, CloudWatch, CloudFormation.
- Expertise creating complex **IAM policies, Roles and user management** for delegated administration in AWS.
- Expertise in creating **AMI** and launching managing EC2 instances with the help of Ansible playbook.
- Hands on experience in establishing different environments using **elastic beanstalk**.
- Experience of configuring auto-scaling to handle the load on servers.
- Troubleshooting build & deployment failures and in configuration management.
- Familiar with Software development life cycle (**SDLC**) methods.
- Inculcate the knowledge of SCM and build processes to Developers and QA teams.

- Experience in writing **shell scripts**.
- Experience with Docker and Vagrant for different infrastructure setup and testing of code.
- Expertise in building of artifacts such as war, jar, and ear from source code using Apache ANT and **Maven**.
- Experience in Branching, Merging, Tagging and maintaining the version across the environments using SCM tools like Subversion (SVN), GIT (**GitHub, Bitbucket, Gerrit**)
- Configured **Team Foundation Server (TFS)** instance, build controllers and build agents.
- Worked with different Bug tracking tools like **JIRA, version one**.
- Worked on **Kubernetes** to orchestrate the deployment, scaling and management of **Docker** Containers.
- Experience in utilizing **helm charts** for deploying applications as a stack.
- Expertise in using **Nirmata, Rancher** tools for K8s.
- Expertise in package management using RedHat RPM, YUM used in several Linux distributions such as RedHat Enterprise Linux.
- Expertise in configuring deployment processes with Templates,application process,component process in **IBM urban code deploy(UCD)**.
- Expertise in configuring different entities of **UCD** like components, environments, processes, tags,snapshots.

Educational qualification:

Graduated in Electronics and communication engineering from JNTUA in 2013.

Technical skills:

Operating Systems	RHEL/CentOS 5.x/6.x/7, Ubuntu/Debian, Windows Server 2003/2008/2012
Continuous Integration Tools	Jenkins/Hudson, bamboo, TFS Visual Studio Build.
Version control tools	Team Foundation Server (TFS), GIT, SVN, Bitbucket,Gerrit
Build Tools	Maven, Ant, Gradle and MS Build.
Continuous Deployment tools	Ansible, IBM Urban code deploy
Automation container	Docker, Kubernetes, Helm, Rancher, Nirmata
Scripting	Shell, Groovy, Python, JSON, Yaml
Web/App Server	Apache,IIS,Tomcat, WebSphere Application server, WebLogic Application server.
Bug Tracking Tools	ServiceNow, Jira, Version one
Cloud Services	Amazon Web Services (AWS), EC2, RDS, VPC, S3, ROUTE53, SNS, SQS, Cloud Formation, EBS, ELB, Cloud watch, Elastic beanstalk.

Project Summary:

Project-1:

Organization : Greenway Health LLC,Tampa, Florida
Project : Intergy-EHR
Duration : Dec 2021 - till date
Role :DevSecOps engineer
Environment : RedHat Linux, Git, Jenkins, Maven, Ansible, AWS.

Responsibilities:

- I have been working closely with a team whose key responsibilities are creating and managing infrastructure for developers, testers and DB administrators in a way to accomplish automation.
- As Devops engineer in my team I have a responsibility in configuring Jenkins jobs in such a way that fetches source code from Git repository.
- Configured Jenkins with maven build tool in generating war/ear files and archived them.
- Responsible for maintaining backup and versioning of war/ear file using JFrog artifactory repository.
- Written Ansible scripts for managing and creating AWS resources.
- Integrated Git, Jenkins and maven in accomplishing continuous integration and configured Jenkins with Poll SCM build trigger.
- We are using Ansible as primary automation tool in configuring and deploying artifacts to several environments.
- As most of the infrastructure is hosted in AWS cloud, I am responsible for creating and managing EC2 Instances.
- Configuring EC2 instances with Playbooks to enable environment for deployment.
- Maintaining AMIs of the Configured EC2 instances.
- Creating Jenkins jobs and distributing load on Jenkins server by configuring Jenkins nodes which will enable parallel builds.
- Managing Jenkins artifacts in Nexus repository and versioning the artifacts with time stamp.
- Deploying the artifacts into servers in AWS cloud with ansible and Jenkins.
- Maintaining backup of Jenkins builds in AWS S3.
- Creating backup of EBS volumes and restoring it.
- Ensuring the servers to sustain the load by configuring Elastic load balancer & Auto scaling.
- Enabling highly available & robust virtual private cloud to ensure the network isolation from public cloud and securing them with Security groups and NACL.
- Involved in Writing Docker files to build customized images for creating containers.
- Leveraged cloud formation templates to spin up the instances on the AWS.
- Writing custom python and shell scripts to automate deployment Process.
- Monitoring and alerting of production and corporate servers such as EC2 and storage such as S3 buckets using AWS Cloud Watch.
- Worked on Physical to Cloud Migration in AWS. Developed AWS Cloud formation templates to create VPC subnets, NAT, EC2 instances, ELB, Security Groups.
- Bundled automation content with Ansible roles to make the content reusable and made possible advanced execution in automation.
- Deployed builds to different environments like DEV, QA, UAT environments by integrating Jenkins and Ansible.
- Collaborated with Developers and testers in achieving organizational goals and educated them about build process.

Project-2:

Organization : Trinet, Texas
Project : Payroll
Duration : Jan 2020 – Dec 2021
Role : DevOps engineer
Environment : BitBucket, Jenkins, Ansible, AWS, Kubernetes, Helm, sonar, Docker, IBM UCD.

Responsibilities:

- Configured Multi-branch pipelines for api, ui builds.
- Responsible for maintaining backups in Jenkins.

- Installing and configuring Ansible and writing Ansible playbooks for configuration repos.
- Configuring IBM Urban code component, Application processes for deployments.
- Creating different objects in UCD such as Environments, Components, processes, Templates.
- Developing Ansible Roles for re-usability and sharing the roles.
- Maintaining the versions of built artifacts in JFrog repository.
- Configured SonarQube for static code analysis and connecting it to Bitbucket.
- Responsible for taking care of Release management activities – Handling released to PROD environment, Merging the code went to PROD to master branch.
- Writing python scripts for generating reports of Jira, Stash to audit the repos planned for releases.
- Designing Bitbucket branching strategies to ensure smooth release of the code with hotfixes.
- Creating different objects in Kubernetes and writing docker files.
- Deploying application stack with Helm charts.
- Resolving any pod issues with the help of Nirmata, Kubectl, Rancher.
- Handling monthly releases to different environments QE, DEV, VAL, STAGER, PROD, LTR.
- Ensuring the hotfix branches are routed from master branch so that branches will have the code that went to PROD.
- Managing code-catchup to PRE, DEMO environments.
- Troubleshooting build issues and deployment issues and documenting them to quickly use when needed.
- Maintaining confluence pages for the new enhancements.
- Experience in using people soft tools for Capi migrations and workflow corrections.
- Experience in using service now for change requests for different deployment environment.
- Merging Pull Requests and resolving merge conflicts.
- Driving Tier-2 Handover meetings of change requests to deployment teams.
- Attending CCB meetings to get clearance for PROD deployments.

Project-3:

Organization : Wells Fargo.
Project : Banking (Migration)
Duration : June 2017 – Jan 2020
Role : DevOps engineer
Environment : Git, Jenkins, Ansible, IBM UCD, SonarQube, Gradle

Responsibilities:

- Migrated applications to Gradle from maven and ant.
- Migrated source code repositories from svn to git.
- Configuring Jenkins pipelines for the components and resolving build issues.
- Setting up components, applications, processes and managing IBM UCD.
- Responsible for Development UIT, SYSTEM, UAT, STAGING, PRODUCTION Build and Release.
- Developed and implemented Software Release Management strategies for various applications according to the Agile process.
- Configured deployments to Web Logic and WebSphere application servers.
- Responsible for day to day Build and deployments in pre-production and production environments.
- Created and maintained network users, user environment, directories, and security.
- Involved with the support of building the server, patching, user administration tasks, deployment, software installation, performance tuning and troubleshooting.
- Defined dependencies and plugins in Maven pom.xml for various activities and integrated Maven with GIT to manage and deploy project related tags.

- Implemented Ansible to manage all existing servers and automate the build/configuration of new servers.
- Configured local Maven repositories and multi-component Ant projects with Nexus repositories and scheduled projects in Jenkins for continuous integration.
- Creating IBM UCD Templates for applications of same deployment process.
- Defined dependencies and plugins in Maven pom.xml for various activities and integrated Maven with GIT to manage and deploy project related tags.
- Involved with different teams to deploy application code into dev, QA, staging and production environments.
- Good at Data gathering various tools which will effectively use for migration of application.
- Dependency management for java project with dependency in the builds of different components.

Project-4:

Organization : ESMOB technologies, Hyd.
Project : Insurance
Duration : June 2014 – May 2017
Role : DevOps engineer
Environment : Git, Jenkins, Ansible, Linux, Vagrant, Maven

Responsibilities:

- Extensively worked on Jenkins for continuous integration and for End to End automation for all build and deployments.
- Setup GIT creating branches, tags, creating Users and Groups, assigning permissions, code merges.
- Setup and configured Jenkins, created jobs for automating the build process.
- Configured the Plug-ins in Jenkins.
- Monitor and fix the continuous integration builds running in Jenkins.
- Scheduling nightly build and deployment activities for Dev and Staging environments.
- Troubleshooting the compilation errors and provide the technical support to the developer's team on that issue.
- Performing deployments to multiple environments like DEV, QA, Production environments.
- Troubleshooting application related issues by log verification.
- Setup and configuration of Tomcat, creating multiple instances of Tomcat.
- Deployment of jar files in Tomcat.
- Effectively communicated with the projects team members in sending the deliveries without delay.
- Exposed to all aspects of the software development lifecycle (SDLC) such as Analysis, Planning, Build and Deployment.
- Developing, Testing, and Implementing Post-production analysis of the projects.
- Setting up CRON tabs for scheduled backups.

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