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Experience Summary:

- Having 4.4 years of IT experience as a AWS&DevOps Engineer in automating, building, deploying, managing and releasing of code from one environment to other environment tightly maintaining Continuous Integration, Continuous Delivery and Continuous Deployment in multiple Managed environments
- Created Jobs for Builds and Deployments, installed several plugins in Jenkins to support multiple build eco systems required for the implementation of projects. Automated Tomcat application server deployments using Ansible Playbooks.
- Strong experience with version control system git and including branching and merging strategies.
- Having knowledge in taking backup of artifacts using the Nexus.
- Managing Maven builds and troubleshoot Build issues.
- Experience with automated build pipeline, continuous integration and continuous deployment environments using Jenkins.
- Configuring pre and post build actions in Jenkins as per project requirements.
- Automate the build Process Using Jenkins jobs.
- Working knowledge in code quality checking using sonar.
- Experience on deploying artifacts like WAR and EAR into application servers Apache Tomcat and Web logic servers.
- Knowledge in Package management installation, updating and remove different packages using Yum, apt-get.
- Working knowledge on Jira and Service-now ticketing tools.
- Experience in creating Ansible Playbooks for managing remote hosts.
- Experienced in managing applications by implementing AWS services which includes EC2, S3, VPC, ELB, ALB, AMI, IAM, Cloud Watch, Auto scaling, Security Groups, RDS, Amazon Inspector.
- Worked with AWS provisioning EC2 Infrastructure, VPC setup, Auto Scaling for high availability of EC2 Instances and handling EBS Volumes and Backups.
- Cloud Watch for monitoring server metrics, creating alarms and log groups.
- Ability to create, manage and monitor domains in Route 53.
- Have good knowledge on Deploy, Manage, and Scale Docker Containers on servers in various environments using Kubernetes.
- Have good knowledge on Container Orchestration service Kubernetes in AWS.
- Experience in managing Kubernetes Cluster on AWS using pods, services and Replication Controller services.
- Provided 24x7 production support and development environments. Ability to communicate requirements effectively to team members and manage applications.
- Experience in provisioning AWS Infrastructure automation using Terraform and CloudFormation.
- Configure Virtual Private Cloud with subnets, security groups, IGW, NACLs, NAT Gateways, NAT Instances manually as well as Automation using Terraform.
- Worked on the Lambda functions using Python Scripts.
- Ability to learn and master new technologies and also deliver tasks in short deadlines.

Educational Qualification:

- **M.B.A** from **S.V. University**, **Tirupati**

Technical Skills:

Operating Systems	Linux
SCM Tools	GIT
CI Tools	Jenkins
Web & Application Servers	Apache Tomcat
Scripting	Python Scripting
Build Tools	Maven
Configuration Management Tools	Ansible
Infrastructure Automation Tool	Terraform and CloudFormation
Containerization Tools	Docker, Docker Compose, Docker Swarm, Kubernetes
Cloud	AWS
Code Quality	SonarQube
Monitoring Tools	Nagios, Prometheus, Grafana
Databases	MangoDB, Redis
Programming Languages	SQL
Ticketing& Bug Tracking Tools	Service-now, Jira

Professional Summary:

- Working with xxxxxxxxxxxxx, Bangalore from Oct-xxxxxxx to Till Date

Project1:

Client	:	Volvo
Role	:	AWS&DevOps Engineer
Environment	:	Linux
Tools	:	Git, Git-Hub, Jenkins, Maven, Docker, Nexus, SonarQube, AWS, Nagios, Terraform
Period	:	Dec-2018 to Till Date

Description:

Volvo is a Swedish multinational manufacturing company headquartered in Gothenburg. While its core activity is the production, distribution and sale of trucks, buses and construction equipment, Volvo also supplies marine and industrial drive systems and financial services. it was the world's second largest manufacturer of heavy-duty trucks.

Responsibilities:

- Communicating with developers for build plan and build failures.
- Designing, creating and maintaining GIT repositories as per the client specifications.
- Analyzing Bugs and coordinating with Dev/QA teams.
- Launching and configuring of Amazon EC2 (AWS) Cloud Servers using AMI's (Linux/Ubuntu) and configuring the servers for specified applications.
- Performed Linux systems patch management configurations on Amazon EC2 instances.

- ➢ Implemented CI/CD using Jenkins, Docker & Kubernetes.
- ➢ Creating and Managing s3 buckets to store data.
- ➢ Responsible for creating Kubernetes manifest files like daemon sets, replica sets, deployments.
- ➢ Experience in Kubernetes cluster setup and deploying applications in Kubernetes cluster.
- ➢ Worked on configuration management and containerization solutions such as Ansible, Docker.
- ➢ Managed and monitored the server and network infrastructure using Nagios.
- ➢ Continuous Delivery is being enabled through deployment into several environments of Test, QA, and Production using Jenkins.
- ➢ Enabling the SonarQube Quality gates for the modules of the project to maintain the Stability of the code quality.
- ➢ Enabling the SonarQube Quality gates for the modules of the project to maintain code quality.
- ➢ Configuring and enabling the SonarQube through Jenkins pipeline jobs.
- ➢ Managing snapshots, AMIs and Security Groups for server security and backup in case of disaster recovery
- ➢ Worked with MAVEN build tool for building deployable artifacts.
- ➢ Installed and administered Nexus repository to deploy the artifacts generated by Maven and to store the dependent jars which are used during the build.
- ➢ Responsible for creating & configuring persistent volumes, persistent volume claims.
- ➢ Created Cloudformation templates to automate aws infrastructure.
- ➢ Worked on the Lambda functions to automate the tasks using python scripts.
- ➢ Creating new jobs in Jenkins and managing the build related issues.
- ➢ Monitoring daily builds using continuous integration tool Jenkins.

Project2:

Client	:	Siemens
Role	:	AWS&DevOps Engineer
Environment	:	Linux
Tools	:	Git, Git-Hub, Jenkins, Maven, Docker, Ansible, SonarQube, AWS, Nagios
Period	:	Oct-xxxx to Nov-xxxx

Description:

Siemens is a German multinational conglomerate company headquartered in Munich and the largest industrial manufacturing company in Europe with branch offices abroad. The principal divisions of the company are Industry, Energy, Healthcare (Siemens Healthineers), and Infrastructure & Cities, which represent the main activities of the company. The company is a prominent maker of medical diagnostics equipment and its medical health-care division.

Responsibilities:

- ➢ Experience in setting up CI/CD pipeline integrating various tools with Jenkins to build and run terraform jobs to create infrastructure in AWS.
- ➢ Worked on Cloud watch to monitor applications that run on Amazon EC2.
- ➢ Implemented Ansible playbooks for Deployment on build on internal Data Centre Servers.
- ➢ Involved in the release process and deployed applications (WAR, EAR and JAR) to the Red hat satellite server.
- ➢ Experience in writing Docker files to build customized images for creating containers.
- ➢ Setup and build AWS infrastructure various resources, VPC, EC2, S3, IAM, EBS, Security Group, Auto Scaling, ALB and RDS using terraform.

- Creating EC2 Instances and Managing IAM Roles as per the requirement.
- Worked on Jira tool for issue reporting, status, and activity planning.
- Running and monitoring nightly builds in all Java platforms.
- Performing installation testing on builds before handing over to QA team.
- Automated the code deployment process in each environment (development, QA, Pre-Production).
- Perform code merges on a regular frequency to integrate the source code from various branches.
- Worked with developers, QA and Product support teams to identify and resolve build problems.
- Review build results, debug and optimize complex builds, and discuss technical issues with developers, architects, and managers.
- Managed and monitored the server and network infrastructure using Nagios.
- Develop and maintain build and release process documentation.
- Experience with container based deployments using Docker, working with Docker images, Dockerhub and Docker registries.
- Performed SCM tasks, such as check-in, checkout, branching and merging code from development branches to main branch and main branch to development branches.
- Assisting development team in resolving issues with build, environment, SCM and tools.
- Perform code build and deploy (Unix and Windows)
- Generating the SonarQube reports for the individual modules of the maven project.
- Launching and configuring of Amazon EC2 (AWS) Cloud Servers using AMI's (Linux/Ubuntu) and configuring the servers for specified applications.
- Worked in Amazon Web Services (AWS) VPC, EC2, Cloud formation, S3, IAM, RDS, Route S3, Cloud Watch, and Elastic cache.
- Utilized Cloud Watch to monitor various resources like EC2, MySql logs etc, we monitor Standard EC2 matrices like Memory, Swap, CPU and Disk.