**Professional Summary:**

Overall 8 years of professional experience in IT with a strong background in Developing, Testing, Delivering, Deploying and Application Maintenance.

Having 7 years of experience as a **DevOps Engineer** dedicated to automation and optimization. Understands and manages the space between operations and development to quickly deliver code to customers. Has experience with the Cloud, as well as DevOps automation development for Linux systems

**Technical Summary :**

* Skilled in cloud infrastructure design using Amazon Web Services (AWS) services - **EC2, S3, VPC, ELB, RDS, Auto Scaling, Cloud watch, IAM, SNS, SES.**
* Utilized **Cloud Watch** to monitor resources such as EC2 instances, CPU, Memory, EBS volumes to set alarms for notification or automated actions and to monitor logs for a better understanding and operation of the system.
* Configured **EC2 instances** with AMI Linux and Windows using GUI as well as CLI.
* Configured **Elastic Load Balancers (ELB)** for distribution incoming application traffic across multiple EC2 instances.
* Created AMIs, Snapshots, and Volumes and managed EBS Volumes.
* Created Elastic IPs attaching and detaching to instances as per requirement.
* Deployed and maintained **Jenkins** to completely provision and manage AWS EC2 instances, volumes, DNS, and S3.
* Managed and supported AWS Security related issues, such as **IAM** and **S3** **policies** for user access.
* Configuring Jenkins jobs with related Plugins for Building, Testing and Continuous Deployment to accomplish the complete CI/CD.
* Working on version control/repository management tools such as GIT, Bitbucket.
* Experience in branching, tagging and maintaining the version across the environments working on Software Configuration Management (SCM) tools like GIT and GitHub.
* Good exposure in writing Groovy pipeline scripts in Jenkins.
* Have Knowledge on Ansible
* Participated in building the **DevOps Platform** with Configure Management Tool like ANSIBLE.
* Excellent skills in applying Continuous Integration, Continuous Deployment and Continuous Delivery.
* Excellent working knowledge on various systems like **Docker** and Virtual Box.
* Involved in Installing Jenkins on a Linux machine and created a master and slave configuration to implement multiple parallel builds through a build farm.
* Administered Jenkins and secured it with role-based access controls and matrix-based project access.
* Excellent skills in applying Continuous Integration, Continuous Deployment and Continuous Delivery processes & tools [ Example: **Git, Maven, Jenkins, Docker, Apache Tomcat, MySQL, Ansible, Shell Scripting,** etc.]
* Worked on Apache HTTP web-server and Apache Tomcat application server for deployments.

**Educational Qualifications:**

* B. Tech in Electronics and Communications Engineering from JNTU Hyderabad

**TECHNICAL SKILLS:**

**Cloud Services**  : Amazon Web Services

**Web Server Administration** : Apache HTTP Server, Apache Tomcat

**Server and Service Monitoring** : New Relic, Cloud Watch, Icigna

**Configuration Management** : Ansible

**Continuous Integration** : Jenkins

**Code Quality** : SonarQube

**Source Control** : GitHub, Bitbucket

**Build Tools** : Maven

**Containerization Platform** : Docker

**Project Management** : Jira

**Orchestration Tool** : Terraform

**Operating Systems :** Linux, Windows

**Experience Details:**

* Working as a **Consultant** at **Infosys Pvt Ltd** in Hyderabad from **July 2019 to till date**.
* Worked as a **Build and Release Engineer** at **Moonstone Info Tech Pvt Ltd** in Hyderabad from **JAN 2015 to June 2019.**
* Worked as a **Associate Software Engineer** at **A&A Innovative Solutions Pvt.Ltd.** in from **JAN 2013 to DEC 2014**.

**Experience:**

**Client** : **Apple**

**Project : AML Offshore**

**Role** : **DevOps Engineer**

**Roles and Responsibilities:**​

* Setting up and maintaining automated build and release management.
* Maintaining the CI/CD infrastructure and tools.
* Involved in daily scrum meetings to understand the requirements of the client.
* Automated the Application build procedure and deployment using Jenkins.
* Managing and owning the CI Platforms including installation, upgradation, configuration, monitoring.
* Projects onboarding across DevOps platform and deploying methodologies wherever required.
* Addressing new requirements from the users installing plugins in respective environments.
* Performing code quality analysis and code coverage using JaCoCo & Cobertura and displaying the analysis report on SonarQube dashboard with multiple projects like Java, PLSQL, NodeJs, AngularJs.
* Managing and administrating Bitbucket repositories and permissions.
* Identifying and providing solutions to maven build, Jenkins configuration and Docker image creation issues.
* Resolving the home directory issues, resolving grub errors and file system problems.
* Deploying applications to Live, Validation and IT PRODUCTION Environments
* Attending calls as per the priority like P1 and P2 tickets and troubleshooting the issues.
* Helping Dev teams on Building customized Docker images and collaborating with Enterprise container hub.
* Troubleshooting the problems generated while building, deploying and Production support.
* Participation in release meetings for smooth releases.
* Quarterly and Monthly release support.

**Additional Responsibilities Handled in absence of Team Member:**

* Worked on AWS services ( EC2,ELB,VPC,S3,CloudFront,IAM,RDS,CloudWatch,SNS).
* Used IAM for Creating Roles, Users, Groups & also implemented MFA to Provide additional security to AWS account & its resources.
* Setup & managing VPC & subnets, make the connection between different zones.
* Created NAT Gateways & instances to allow communication from the private instances to the internet through bastion host.
* Create & managing buckets on S3 and store db & logs backup, sometimes which are required to server static content or a web application.
* Maintaining highly reliable 24 x 7 x 365 Linux production servers for internal, global and AWS EC2 instances
* Setup & managing databases on Amazon RDS, Monitoring serves through Amazon CloudWatch, SNS.
* Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS)
* Monitor Production server Health for different parameters (CPU, Swap Memory, Disk space, Apache requests) Cloud watch

**Client** :  **CISCO**

**Project : CI/CD 2.0**

**Role** : **Build and Release Engineer**

R**esponsibilities:**​

* Build & Release Engineer supporting that involved with different development teams and Multiple simultaneous software releases.
* Carried Manual Deployments and builds on various environments.
* Source code configuration tools Subversion and GIT used for different projects.
* Manage all CM tools (Maven, Jenkins, Git) and their usage process ensuring traceability, repeatability, quality and support.
* Used Maven to build java-based web applications and integrated it with Jfrog repository and Jenkins CI pipeline.
* Experience in designing Jenkins Pipeline to build CI pipelines for containerized applications using Jenkins and Docker.
* Have implement micro-service by creating Docker images and running docker instances.
* Manage release deployment across enterprise application areas.
* Installed, configured and web servers like Apache HTTP Web Server, Apache Tomcat
* Performance optimization of Red Hat Enterprise Linux servers. Used Jira for capturing and communicating defects and bugs to the respective teams.
* RPM package management, installing, upgrading and removing.
* Cloud services Administration and troubleshooting.

**Linux** **Roles and Responsibilities:**

* Monitoring and Managing SWAP, CPU Utilization, Disk Utilization, Memory Utilization
* Adding, creating new users, groups. Configuring and managing user& group accounts.
* Providing day-to-day user administration like Adding or Deleting Users, Password Aging.
* Installing/updating of software packages using YUM and RPM. Experience in Using YUM Repository.
* Remote system administration using tools like SSH.
* Providing SUDO access to the users and groups.
* Automation of Jobs through Crontab.
* Installation, Configuration and Administration of various versions of Red hat Linux.
* Managed Users and Groups, File/Directory Permissions under Linux.

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