*Having 3.6 years of experience in IT of which last years of experience as a Build & Release / DevOps engineer.*

*Experience include Process Automation, Build &Deployment Automation, Release Management, AWS Administration including end-to-end infra configuration, building binaries & deployments in entire life cycle of enterprise application.*

* Diverse experience including System administration, Cloud Computing, CI/CD & DevOps implementation.
* A good team player who is attentive to detail and able to work in a fast-paced environment.
* Proficient in multitasking to achieve individual and team goals and prioritizing tasks to meet customer’s needs.
* Enjoys learning new technologies, programs and processes
* As part of my assignments, I have been involved in scripting/automation, Cloud Computing projects in AWS, Linux, monitoring, troubleshooting, build, deployment and process.

**Work Profile**

|  |  |
| --- | --- |
| Current Designation | : |
| Area of Work | : Devops/Aws Cloud Engineer |
| List of Major Technologies | : Linux, AWS, Git, Jenkins, Terraform, Docker, Kubernetes, ELK. |

**IT Forte**

|  |  |
| --- | --- |
| **Operating Systems** | Red Hat Linux, CentOS |
| **Version Control** | Git, GitHub&Bitbucket |
| **Cloud Technologies** | AWS |
| **CI/CD** | Maven, Jenkins, Sonar |
| **Configuration management Tools** | Terraform |
| **Monitoring/Logging** | ELK stack, Nagios, Cloudwatch |
| **Container technologies** | Docker, Kubernetes |

**Professional Experience**

**IBM India, Hyderabad**  **(Jan 2018 to Till Date)**

**DevOps Engineer**

**Roles and Responsibilities**

**AWS Cloud operations**

* Project Implementation on Amazon Web Services Cloud computing
* Design and Implement the architecture with HA (High Availability) and DR (Disaster Recovery) solution for new customer application or migrating the customer application from physical data center to cloud
* Configured Linux servers like FTP, Telnet, SSH, NFS, send mail, apache and Package Management using RPM and Yum
* Automated daily tasks using shell scripting
* Written shell scripts to export/import database backups from RDS & keep the same in S3 (AWS Storage)
* Maintaining the monitoring profiles for AWS Services - EC2 Parameters (CPU, Memory, Disk, Response time, etc.)
* Configured Cisco Router for a Site to site VPN
* Worked on Cloud Computing (AWS). Following are the features implemented and worked.
* Amazon EC2, EBS, S3, Glacier, RDS, ELB, VPC, Route 53, SNS, Cloud watch, IAM
* Closely working with Development Team Implementation of Web application such as Apache in Amazon Web Services.
* Prepare knowledgebase documents and keep them in share point folders
* Involved in complete User administration (setup and maintaining account)
* Monitored servers for CPU Utilization, Memory Utilization, and Disk Utilization for performance monitoring and written customized script to utilization details
* Interaction with 3rd party vendors, Client Teams and senior onsite Systems Engineers as necessary to optimally perform job responsibilities
* Create and maintain detailed up to date technical documentation (e.g. standards, process, run books, change requests)
* Attend status review meetings and prepare send the status reports to stake holders
* Regular proactive capacity planning and tending reviews of all systems
* Gave KT to the team and mentored the new team members.

**GIT, Bit Bucket, Jenkins, Docker and Kubernetes**

* Expertise in using build tools like MAVEN for the building of deployable artifacts such as war & ear from source code.
* Experienced in working on DevOps/Agile operations process and tools area (unit test automation, Build & Release automation, Environment, Service, Incident and Change Management).
* Creating and Managing Repository and Branches.
* WAR files Build and Deployment. Restart server once the deployment is completed.
* Developing shell scripting for deployments in to servers.
* Verifying the log files if the deployment fails.
* Reporting and updating status of deployment to required stakeholder.
* Implementing continuous integration (CI) using Jenkins
* Creating Jobs in Jenkins. Running the jobs as per build calendar.
* Sending automatic emails through Jenkins if the job fails by installing extended plugins.
* If any Plug-in are required configuring the Plug-ins to Jenkins.
* Scheduling the nightly builds in Jenkins.
* Administration of Continuous Integration tool like Jenkins.
* Create and configure plans for every application in Jenkins.
* Automation of build and deployment process by configuring jobs in Jenkins for each application.
* Maintaining the release tracker.
* Creating the release notes for given release and follow-up with the team to create Release bundle.
* Dockerized the Applications to reduce the cost and easy maintenance.
* Used orchestration tool such as kubernetes to make high availability of containers.
* Did Setup ELK for kubernetes resource monitoring.

**Roles and Responsibilities**

* Configuration of MYSQL server and MySQL master slave replication.
* Configuration and Manage of Apache Web Server.
* Managing SSH for securing the server.
* Generate SSL certificates for apache web server.
* Working experience on ITIL process (Incident, Change, and Problem Management).
* Creating templates from VM’s and deploy VM’s from templates and allocate resources.
* Troubleshooting virtual machine issues.
* Monitoring and Managing Nagios Monitoring tool.
* Installing and configuring of Linux on servers using Kick start.
* Up grading the Linux OS using Kick start.
* Troubleshooting Booting problems and Boot loaders problems.
* Configuring SAMBA (SMB), NFS.
* Package management with RPMs & YUM management in Red hat Linux.
* Upgrading the Kernel, change the kernel parameters, kernel configuration.
* Configuring FTP server to maintain the shared folder within the organization.
* System monitoring, maintaining server logs, job scheduling.
* Managing SSH for securing the server.
* Maintaining Linux Quota System.
* Users and Group Administration and giving special permission using SUID/SGID and Sticky bit.
* Implementing Access Control Lists (ACLs).
* Providing sudo access to the user.
* Manage user accounts, groups, hosts, file systems.
* Monitoring Server processes using ps, top, Vmstat and reviewing logs for failures.
* Administrative commands, configuration files and log files.
* Managing Apache Web Server.

**Academic Credentials**

Post graduation : V NR Vignan Jyothi Institute of Technology

Pass out year 2018 , Hyderabad.

Graduation: Ellenki College of Engg and Technology

Pass out year 2014, Hyderabad.

Board of Intermediate : Passout year 2010 ,Hyderabad.

Board of Secondary Education : Passout year 2008, Hyderabad**.**

**Personal Details**

* **Name :**
* **Father Name :**
* **Gender :**
* **Marital Status :**
* **Languages Known :**