

Professional Profile:

- Experience in Amazon Web Services,Azure
- Setup/Managing Linux Servers on Amazon (EC2, EBS, ELB, SSL, Security Groups, RDS and IAM).
- Setup/Managing VPC, Subnets make connection between different zones
- Setup/Managing Databases on Amazon RDS. Monitoring servers thorough Amazon Cloud Watch, SNS
- Manage and configure AWS services as per the business needs (ELB, SNS, EC2, Route 53, S3, RDS, Cloud Watch, IAM, and VPC.
- MySQL Database security, creating users and managing permissions.
- Installed and Setup Web Servers (Apache and Tomcat), DB Server (MySQL)
- Installed and Setup Nagios Server monitoring tools, Plugging, NRPE.
- Excelled on creating AMI (AWS Machine Images) that utilizes ELB (Elastic Load Balancer) and Auto Scaling.
- Built Chef Development workflow and best practices around configuration management as well as building a strong and diverse internal Chef community.
- Automated the cloud deployments using chef, python and AWS Cloud Formation Templates.
- Configuring and managing web Server. Having good knowledge on Automation Chef.
- Experienced knowledge on Configuration management tool called CHEF.
- Experience in Automation using chef. Developing cookbooks and push to the chef server.
- Managed Linux and Windows virtual servers on AWS EC2 using Chef Server. Configured and monitored distributed and multi-platform servers using chef.
- Test automation code in virtual environments and with testing tools such as Test kitchen and chef spec
- Automate deployments through the use of configuration management
- Create chef coding best practices for existing development team.
- Debug existing automation code and test to confirm functionality with in AWS/EC2
- Create cookbooks for chef using the Ruby programming language.
- Excellent at defining chef server and workstation to manage and configure nodes.
- Developed chef Cookbooks to manage systems configuration.
- Experience in DevOps Engineering in automating, building and deploying of code with in different environments (Dev, QA, UATand Prod & DR).
- Installing all Linux flavors OS, Configuring and binding system with domain.
- User administration, creating, modifying and deletion. Resetting UNIX account password.
- Installing applications on Linux flavors.
- Supported development sprints by automating instance provisioning using cloud formation and code deployments using chef, Jenkins, Git hub.
- Knowledge on Ansible configuration management tool.
- Migration to xen to vm using ansible, python
- Experience on azure AD,VM

Educational Qualifications:

- **B-Tech (CSE)from Jawaharlal Nehru Technological University(JNTU-H) in the year 2013**

Technical Skills:

Operating Systems	Linux (Red Hat , Ubuntu,CentOS),Windows NT
Cloud services	Amazon web services,Azure
Web server administration	Apache,Tomcat
Configuration management	Ansible,Chef
Scripting	Python
CI/CD	Jenkins
Source control	Git,GitHub
Build tools	Maven

Container technology
Virtual environment
Project management

Docker, Kubernetes
VM ware, virtualbox
Jira

Certification:

AWS Certified Solutions Architect - Professional certificate
AWS Certified Solutions Architect - Associate certificate
Architecting Microsoft Azure Solutions
Implementing Microsoft Azure Infrastructure Solutions

Professional Summary:

Devops Engineer Intuitive Technology Patners May 2018-Till

Roles & responsibilities:

Project-1:

project : Intralinks, medecision,

Environment: Red Hat Linux, vagrant, Git, NEXUS, Jenkins, Maven, Ansible, AWS.

Responsibilities:

Created alarms in Cloud watch service for monitoring the server performance.

- ▣ Managed multiple AWS accounts with multiple VPC's for both production and non-prod
- ▣ Managed and supported AWS Security related issues, such IAM and S3 policies for user access
- ▣ Used ELB and Autoscaling for load balancing and scaling EC2 instances up/down based on Network Traffic.

▣ 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 nexus repository.

▣ I have personally used vagrant for testing automation scripts before configuring them in real time servers.

▣ 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.

■ 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.

AWS Engineer Capgmini from OCT 2015-MAY2018

Roles & responsibilities:

- Enterprise and Premium support for EC2 infrastructure
- Worked closely with EC2 infrastructure teams to troubleshoot complex issues
- Building customized Amazon Machine Images
- Managed multiple AWS accounts with multiple VPC's for both production and non-prod
- Worked on AWS Cloud Watch, Cloud Formation services
- Managed and supported AWS Security related issues, such IAM and S3 policies for user access
- Manage and configure AWS services as per the business needs (ELB, SNS, EC2, Route 53, S3, RDS, Cloud Watch, IAM, and VPC).
- Support for all other AWS products such as S3, RDS, Elastic Load Balancing, Route53 (DNS)
- Created alarms in Cloud watch service for monitoring the server performance.
- Maintaining the user accounts (IAM), RDS, Route 53, SES and SNS services in AWS cloud.
- Configuring and managing web Server.
- Experience in Automation using chef. Developing cookbooks and push to the chef server.
- Build servers in cloud based and physical infrastructure.
- Automate deployments through the use of configuration management.
- Create chef coding best practices for existing development team
- Work with chef Automation to create infrastructure and deploy application code changes autonomously.
- Create cookbooks for chef using the Ruby programming language.
- Build servers in cloud based and physical infrastructures.
- Excellent at defining chef server and workstation to manage and configure nodes.
- Developed chef Cookbooks to manage systems configuration.

Linux Administrator, AWS Cloud Engineer Nous Infosystems From April 2014-Oct 2015

Roles & responsibilities:

- Installing all Linux flavors OS, Configuring and binding system with domain.
- User administration, creating, modifying and deletion. Resetting UNIX account password.
- Installing applications on Linux flavors.
- Worked in close contact with network engineers in configuring LINUX servers across regional and offshore locations
- Maintained constant communication with system administrators, team leads, database administrators and project managers in keeping the LINUX environment efficient and up-to date.
- Worked on automation of activities through scripting (Python, Bash).
- Performed operating system installation and configuration
- Managed and implemented changes, upgrades, security procedures and policies to the Linux.
- Responsible for Day to Day Backup and Recovery using tar. Updated backup scripts on different environments.
- Installing all Linux flavors OS, Configuring and binding system with domain.
- User administration, creating, modifying and deletion. Resetting UNIX account password.
- Installing applications on Linux flavors.
- Applying Quota limit on the file system, giving permission to user though ACL.
- Attending call's as per the priority like P1 and P2 tickets and troubleshooting the issues.
- Resolving the home directory issue, resolving grub errors and file system problems.

- RPM package management, installing, upgrading and removing.
- Disk Management, partitioning tools like fdisk, etc. file system
- Configuring the SAMBA server & client and NFS server and client.
- Resolving the network issue and resolving IP table and SE Linux issue.
- Responsible for providing support and assistance in initial installation of the system, setup and maintenance of the user account, data recovery, etc.
- Maintained production servers ensuring productivity at all times.
- Troubleshoot and resolved issues on Red Hat machines containing classified data.
- Installed printers and other network devices, authored scripts designed to automate installation of new components. Provided end user support.
- Monitored PCs/network operations and documented any security issues. Applied software patches, reconfigured networking settings, and instituted other information security procedures.
- Built S3 buckets and managed policies for S3 buckets and used S3 bucket and glacier for storage and backup on AWS.
- Building customized Amazon Machine Images
- Created detailed AWS Security groups which behaved as virtual firewalls that controlled the traffic allowed reaching one or more AWS EC2 instances.

Place:
(FARHAN AHMAD)