

**Summary**

* Software Professional with …… years of experience in DevOps Environment, Amazon Web Services (AWS) and Linux Administration.
* Hands-on experience in **GIT (Distributed version control tool), Chef & Ansible (Configuration Management Tools), Docker (Container Based Tool), Kubernetes (Container orchestration technology), Jenkins (Continues Integration tool), Maven (Build tool)** and **Nagios (Monitoring Tool)**
* Having very good knowledge in **EC2, VPC, S3, Glacier, IAM, SQS, SNS, STS, Cloud Watch, EBS, EFS, Elastic Load Balancer, Auto Scaling, RDS, Dynamo DB, AWS CLI, Cloud Front, Cloud Formation, Cloud watch, Route53, Amazon Aurora, AWS Organizations, Cross Account Access, Consolidated Billing VPC Peering and AWS Organizations.**
* Installation and configuration of **Red Hat Enterprise Linux** and **Centos.**
* Having good working experience in **Managing File Systems and Partitions**, **Logical Volume Management (LVM), User & Group Administration, Network configuration, Troubleshooting, Managing SELinux, booting procedure & kernel parameters, Job Automation (Cron Job), Administrating Remote System, Enhanced User Security with SUDO, Software Management, Backup & Restore (tar and gzip), Manage Installed Services and Managing Processes.**
* Having good Experience in configuring and working with **FTP, NFS, Samba, DNS, Web, DHCP, Mail Servers.**

**Technical Skills**

|  |  |  |  |
| --- | --- | --- | --- |
| **Operating Systems** | : | Linux, Cent OS, Ubuntu and Windows. |  |
| **AWS (Cloud Technology)** | : | EC2, VPC, S3, IAM, SQS, SNS, Cloud Watch, EBS, EFS, Elastic Load Balancer, Auto Scaling, RDS, Dynamo DB, AWS CLI, Cloud Front, Cloud Formation, Route53, Glacier, Amazon Aurora, AWS Organizations, Cross Account Access, Consolidated Billing, VPC Peering and AWS Organizations. |  |
| **DevOps Tools** | : | Git, Chef, Docker, Kubernetes, Ansible, Jenkins, Maven, Nagios. |  |
| **Virtualization** | : | VMware and Oracle Virtual Box |  |
| **Servers** | : | FTP, NFS, Samba Server, DNS, Web Server, DHCP, Mail Servers |  |
| **Languages** | : | Python & Shell |  |
|  |  |  |  |
|  |  |  |  |

**Projects Executed**

Details of some of the key projects are mentioned below.

|  |
| --- |
|  |

|  |  |
| --- | --- |
| **Project Name : xyz** | |
| Period | From - To |
| Technology Stack | * DevOps & AWS Cloud |
| Responsibilities | * Provision production and non-production environments of all Atlassian products (JIRA/Confluence/ServiceDesk/Bitbucket) through Chef configuration management. * Complete data migration for JIRA/Confluence/ServiceDesk/Bitbucket * Setting up Chef Infra, bootstrapping nodes, creating and uploading recipes. * Setting up the chef servers, chef work stations and chef nodes. * Working with, attributes, cookbooks, recipes, run-lists, static files, remote files, execute unix commands in recipes, creation of users & groups by using recipes, test kitchen, templates in Chef. * Worked on Identity Access Management (IAM) like AWS permissions, Roles, Policies, MFA authentication, User permissions and Groups. * Very good hands on experience on Simple Storage Service (S3) like Create an S3 Bucket, S3 Version Control, Cross Region Replication, S3 Life Cycle Management, Glacier, create a CloudFront CDN, S3 Security and Encryption, Snowball, S3 Transfer Acceleration and Create A Static Website Using S3. * Worked on EC2 (Elastic Compute Cloud), Launch an EC2 Instance, use of Putty (for Windows Users), Security Groups, Upgrading EBS Volume Types, Encrypt Root Device Volume and Create an AMI, AMIs - EBS Root Device Volumes vs Instance Store, Load Balancers and Health Checks, Cloud Watch EC2, Autoscaling Groups, AWS Command Line and EC2, Using IAM Roles with EC2 S3 CLI & Regions, Using Bootstrap Scripts, EC2 Instance Metadata and Elastic File System. * Good knowledge on Route 53, Register A Domain Name, Setup Our EC2 Instances, Simple Routing Policy, Weighted Routing Policy, Latency Routing Policy, Failover Routing Policy and Health Checks and Geolocation Routing Policy. * Complete hands on experience on VPC, Public subnets & private subnets, Difference Between Default & Custom VPC, Introduction to Gateways, Understanding Route tables & Subnets, Build Your Own Custom VPC, Network Address Translation (NAT), Access Control Lists (ACLs), Custom VPCs and ELBs, VPC Flow Logs, NATs vs Bastions and VPC End Points. * Worked on Data bases like Create RDS Instance, RDS - Back Ups, Multi-AZ & Read Replicas, DynamoDB and Amazon Aurora. * Good knowledge on Ops Work and Setting up Ops work. * Worked on SNS, Create a Billing Alarm, Consolidated Billing, AWS Organizations Lab, Resource Groups & Tagging, VPC Peering, Elastic Beanstalk, CloudFormation, AWS Trusted Advisor, Elasticity and Scalability concepts |

|  |  |
| --- | --- |
| **Project Name** | |
| Period | From - To |
| Technology Stack | * DevOps & AWS Cloud |
| Responsibilities | * Very good hands on experience in **Ec2, VPC, S3, IAM, SQS, SNS, Cloud Watch, EBS, Glacier, Elastic Load Balancer, Auto Scaling, RDS, Dynamo DB, AWS CLI, Cloud Front, Cloud watch, Cloud Formation, EFS, Route53, Amazon Aurora, AWS Organizations, Cross Account Access, Consolidated Billing VPC Peering and AWS Organizations.** * Setting up of **Kubernetes** cluster, working with pods, volumes and storage, Replica sets, Deployments, and Services. * Setting up **Chef Infra, bootstrapping nodes, creating and uploading recipes.** * Setting up the **chef servers, chef work stations** and **chef nodes**. * Working with**, attributes, cookbooks, recipes**, **run-lists, static files, remote files, execute unix commands in recipes, creation of users & groups by using recipes, test kitchen**, **templates in Chef**. * Setup code repositories Like **GIT**. * Configuring the **Docker** containers by using **Docker Images.** * Creating **Docker images** by using **docker file** * Creating **Docker images** from **Containers** * Having very good experience in working with **docker volumes** * Experience in **port mapping** in Docker * Setting up of own **docker registry** * Having very good knowledge in **installation of jenkins** * Good knowledge in configuring **nodes in jenkins** * Working experience in using **multiple plugins** * Integrating **jenkins with git and maven** * Setting up of **maven, CI and CD jobs** * Knowledge in configuring **dependency jobs in jenkins** * Experience in maintaining the **CI & CD with Jenkins** |

|  |  |
| --- | --- |
| **Project Name** | |
| Period | From - To |
| Technology Stack | * DevOps & AWS |
| Responsibilities | * Working experience in **Ec2, VPC, S3, IAM, SQS, SNS, Cloud Watch, EBS, Glacier, Elastic Load Balancer, Auto Scaling, RDS, Dynamo DB, AWS CLI, Cloud Front, Cloud watch, EFS, Route53, Amazon Aurora, AWS Organizations, Cross Account Access, Consolidated Billing VPC Peering and AWS Organizations.** * Setup code repositories Like **GIT**. * Setting up **Chef Infra, Boot strapping nodes, creating and uploading recipes.** * Setting up the **chef servers, chef work stations** and **chef nodes**. * Working with**, attributes, cookbooks, recipes** and **templates in Chef**. * Setting up and Working with **Ansible.** * Hands on experience in writing **Playbooks**. * Having very good experience in **YAML**. * Working experience in using Ansible **Ad-Hoc commands, Modules**. * Hands on experience in working with **Roles** in Ansible. * Knowledge in building Java based projects using **Maven**. * Configuring **POM.XML** file in **Maven.** * Knowledge in **Dependency Management** and **Deploy Automation**. * Having very good experience in setting up **Multi Module Project**. * Configuring the **Docker** containers by using **Docker Images.** * Creating **Docker images** by using **docker file** * Creating **Docker images** from **Containers** * Having very good experience in working with **docker volumes** * Experience in **port mapping** in Docker * Setting up of own **docker registry** * Having very good knowledge in installation **of jenkins** * Good knowledge in configuring **nodes in jenkins** * Working experience in using **multiple plugins** * Integrating **jenkins with git and maven** * Setting up of **maven, CI and CD jobs** * Knowledge in configuring **dependency jobs in jenkins** * Experience in maintaining the **CI with Jenkins** * Managed and monitored the servers and network infrastructure using **Nagios** Monitoring Tool |

|  |  |
| --- | --- |
| **Project Name** | |
| Period | From - To |
| Technology Stack | * Linux Administrator |
| Responsibilities | * Created **Partitions, formatting, mounting (Temporary & Permanent), Assigning label to the Partition, Mounting a Partition using Label &blk id(UUID)**. * Creating a **Swap Partition, encrypting a Partition using LUKS (Linux Unified Key Setup).** * Creating Physical **Volumes (PV), Volume Groups (VG), Logical Volumes (LV), Mounting, extending a VG, increasing size of LV, Migrating LV from one PV to another, creating a VG by specifying the Physical Extent (PE) size & Creating an LV by specifying no. of Logical Extents (LE).** * **Creating Users, Assigning Passwords, Modifying User Attributes, Locking & Unlocking a user accounts, Changing Password Parameters and Deleting users**. * **Creating Groups, modifying properties of Groups and Adding & Removing Members to Groups**. * **Assigning Special Permissions to Files and Directories with Set User ID (SUID), Set Group ID (SGID) and Sticky Bit.** * Define more fine-grained discretionary access rights for files and directories with **Access Control List (ACL)** * Network Configurations like **Changing Hostnames** and **Assigning/Changing IP Address.** * Advance Network Configuration include IP **Aliasing & NIC Bonding (Fail Over & Load Balancer)** * Worked experience in **SELinux Context, Modes of Linux, Disabling & Enabling the SELinux Security.** * Worked experience in **BIOS, MBR, GRUB, Kernel, Init & Run Levels**. * Troubleshooting like **recovering the lost password, repairing the corrupted boot loader and recovering it.** * **Block listing the USB and CD-ROM Drivers**. * Job Automation by using **cron** and **at**. * **Remote Shell Access using SSH, Password less login using SSH Key and Remote File Transfer with SCP & RSYNC.** * Enhanced user security with **SUDO** command. * Working experience in Software Management by using **YUM & RPM** commands. * **Backup & Restore** by using **tar & gzip.** * Managed installed services by using **chkconfig & service** commands. * Working experience in Signals in Linux, setting up the Priority of a Process and Monitoring the Process using **'top'** command. * Configured **FTP Server** for Downloading/Uploading files and allowing **Root access** to the **FTP Server.** * Working Experience in Configuring **NFS Server** and **Auto-mounting the NFS directory**. * Hands-on experience in Configuring **SAMBA Server, DNS server, DHCP Server, MAIL Server, SQUID PROXY Server.** * Having experience in Configuring **Web Server** like Creating an **Alias page** in the same Website, **Redirect** the Website and **Virtual Webhosting** (**Name based & Port based).** |

**Certifications**

* **AWS Certified Solutions Architect – Associate (**Validation Number …………………..**)**
* **AWS Certified Developer – Associate (**Validation Number ………………………**)**
* **AWS Certified SysOps Administrator– Associate (**Validation Number ………………………..**)**

**Qualifications**