**Samantha Kumar Malladi**

**AWS DevOps Engineer**

**Email:** [**kumarmalladhi92@gmail.com**](mailto:kumarmalladhi92@gmail.com)

**Phone: +1 (510) 925-8228**

**SUMMARY**

**9 Years** of IT industry Experience in **AWS DevOps**, with Software Configuration Management, Change Management, build automation, Release Management, Sage Maker and experience in large and small software development organizations.

* Worked on **Amazon Web Services** (AWS) Cloud services **like EC2, S3, VPC, EBS, RDS, IAM, DMS**, Amazon Glacier, Route 53, Redshift, CloudWatch, SNS, SQS, Auto Scaling, CloudFormation, Lambda, API Gateway, Step Functions, IOT, Aurora, CloudTrail, Elastic Load Balancing.
* Worked with DevOps related automation tools which include, application configuration management (Ansible) and container management tools (**Docker, AWS ECS, CFT**).
* Have working knowledge of defect tracking tool **JIRA, Service now.**
* Extensively worked on Hudson, **Jenkins**, Cruise Control Hudson, Bamboo and Udeploy for continuous integration and continuous delivery to achieve End - to-End automation for all build and deployments.
* Administered and Implemented CI tools Hudson/**Jenkins**, Puppet, Chef , Octopus Deploy and Anthill Pro for automated builds.
* Administrating and supporting Azure Kubernetes infrastructure, ensuring it is secure, resilient and performance and responsible for complete DevOps activities and coordinating with development team.
* Hands-on experience in Azure Cloud Services (PaaS & IaaS), Storage, Web Apps, Active Directory, Azure Container Service, VPN Gateway, Content Delivery Management, Traffic Manager, Azure Monitoring, OMS, Key Vault, Visual Studio Online (VSO), Cognitive Services (LUIS) and SQL Azure.
* Experienced in **Ansible** Tower 3.0.1 configuration, setup, and playbook setup and Worked **on Ansible** to spin up Jenkins server with all the dependencies like multiple Java versions and Jenkins dependencies.
* Written Ansible Playbooks for installing Software packages, web applications in Virtual Machines and **AWS EC2** instances and also Wrote Ansible Playbooks with Python SSH as the Wrapper to Manage Configurations of AWS nodes and Tested Playbooks on AWS instances using **Python.**
* Managed Kubernetes, running Nodes, container snapshots and images, and used **Kubernetes** to provide a platform for automating deployment, scaling, and operations of application containers across clusters of hosts.
* Created Ansible Playbooks to provision Apache Web servers, Tomcat servers, **Nginx,** and other applications on to multiple **EC2** instances into multiple availability zones to provide HA.
* Experience in developing SQL, Stored Procedures, functions, triggers using Oracle and comfortable working with databases like SQL Server, DB2, No-SQL and **MySQL**
* Experience in implementing and maintaining SSL and security on servers and Implemented Automated execution of tests using **Maven** and **Jenkins**
* Experience in writing **Docker** files to build the micro-service applications.
* Implemented Cloud Infrastructure as a Service environment using open-source technology Open Stack to enable portability of cloud services across hybrid cloud environments.
* Installation and configuration of **OpenStack Keystone, Glance, Nova, Neutron**, **Horizon, Cinder, Heat**
* Monitored the servers and checked the network performance for Resource Monitoring/Network, Monitoring/Log Trace Monitoring Using ELK for logging and indexing.
* Design and developed custom LDAP-schema with many branching's and organizational units
* Good working experience on scripting languages like **Shell, Python, Bash**. Ability in development and execution of XML, Shell Scripts and Perl Scripts.
* Expertise in Installation and Configuration on Networking concepts such as **TCP/IP, VPN, VLANs**, routing in **LAN/WAN,** Ethernet Port and wireless networks, **DNS, DHCP, NIS, NFS, LDAP** and web hosting administration such as Apache HTTP, **Nginx & Tomcat**.
* Experience in installing and configuring Apache Tomcat while configuring a common CATALINA HOME for multiple tomcat instances. Experience in deploying the archives to Tomcat Application Servers using GIT and to maintain HA of the application.
* Experienced in automating **WebSphere** administrative tasks using Shell, JACL and python scripts (recycling the application server, deploying customer applications, logs rotation, monitor applications state etc.).
* Experience in all stages of software development cycle thorough with software methodologies like Waterfall, RUP, Scrum and **Agile.**
* Expertise in implementation and maintenance of Apache **Httpd, SMTP, DHCP, NFS, NIS, LDAP, DNS, SAMBA, SQUID, Postfix,** send mail, FTP, Remote Access, Security Management Security trouble shooting skills. Deep understanding of Layer 7 protocols like HTTP, DHCP, DNS, and SSL/TLS.
* Experience in managing all the bugs and changes into a production environment using the **JIRA** tracking tool and involving in setting up JIRA as defect tracking system and configuring various workflows, customizations and plugins for the JIRA bug/issue tracker.
* Experience in System Administration, Configuration, upgrading, Patches, Troubleshooting, Security, Backup, Disaster Recovery, Performance Monitoring and Fine-tuning on **UNIX & LINUX Systems**.

**TECHNICAL SKILLS**

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| --- | --- |
| **Operating Systems** | Red Hat, CentOS, Fedora, SUSE, Ubuntu, Solaris, Debian, MacOS, Windows |
| **CI/CD Tools** | Jenkins, Bamboo, GitLab CI, uDeploy, Travis CI, Octopus |
| **Cloud Environment** | Amazon Web Services (AWS), Google cloud platform (GCP), Azure |
| **Infrastructure as code** | Terraform, CloudFormation, Ansible, Puppet, Chef |
| **AWS Services** | VPC, IAM, S3, Elastic Beanstalk, CloudFront, Redshift, Lambda, Kinesis, DynamoDB, Direct Connect, Storage Gateway, EKS, DMS, SMS, SNS, and SWF |
| **Scripting** | SHELL Scripting, Groovy, Python, Ruby, Perl, YAML and PowerShell |
| **Version Control Tools** | GIT, GITHUB, GitLab, Subversion (SVN), Bitbucket, TFS and Azure DevOps Server |
| **Build Tools** | Maven, Selenium, Gradle, SonarQube, Nexus, Ant, Junit |
| **Containerization Tools** | Docker, Kubernetes, AWS ECS/EKS, Apache Mesos, OpenShift, Rancher, Marathon |
| **Application Servers** | Apache Tomcat, Nginx, Httpd, WebSphere Application Server, Kafka, JBoss, WebLogic |
| **Networking Protocols** | DNS, DHCP, TCP/IP, Cisco Routers/Switches, WAN, LAN, FTP/TFTP, SMTP |
| **Monitoring Tools** | Nagios, AWS CloudWatch, Splunk, ELK, Grafana |
| **Bug Tracking Tools** | JIRA, Confluence, ServiceNow, Bugzilla, Red Mine |

**PROFESSSIONAL EXPEREINCE**

**Client: Capital One Apr 2021 – Present**

**Location: Remote**

**AWS DevOps Engineer**

**Responsibilities**:

* Worked on Azure Cloud Services (**PaaS & IaaS**), Storage, Web Apps, Active Directory, Application Insights, and Logic Apps. Implemented Azure APIM modules for public facing subscription based authentication.
* Created and Managed hosting plans for Azure Infrastructure, implementing & deploying workloads on Azure Virtual Machines (VMs), Design and implement VM storage
* Extensive working experience with different SDLC methodologies such as Agile and Waterfall with an ability to be

creative and to take self-initiatives to execute/manage multiple projects in parallel during time critical situations.

* Hands-on Experience on **CI/CD** workflows using **AWS Devops, YAML pipelines, jenkins, git**.
* Wrote **YAML** files to automate the Build & Release definitions. Also created **YAML templates** to automate the process.
* Experience in managing Ansible Playbooks with Ansible roles, group variables and inventory files and copy and remove files on remote systems using file module.
* Experienced in developing Ansible roles and Ansible Playbooks for the server configuration.
* Experience in working with GIT to store the code and integrated it to Ansible Tower to deploy the playbook.
* Experience in working with GIT to store the code and integrated it to Ansible Tower to deploy the playbook.
* Wrote several Ansible playbooks for the automation that was defined through tasks using YAML format and run Ansible Scripts to provision Dev servers.
* Responsible for on boarding Application teams to build and deploy their code using GitHub, Jenkins and Ansible.
* Have knowledge on partition of **Kafka** messages and setting up the replication factors in **Kafka** Cluster.
* Worked on **Big** **Data** Integration &Analytics based on **Hadoop, SOLR, Spark, Kafka, Storm and web Methods**.
* Agile: Modeling in Strategic Foundation and Information Data Layers.
* Worked on documentation and discuss security findings with information technology teams.
* Function as part of a Firewall and Security team in support of Checkpoint Firewalls, Zscaler Proxy, Juniper Portals, SecAuth, Open LDAP, and Active Directory.
* Involved in Data Center migrations. Handled proper management, maintenance, configuration, and altered management of firewall structure.
* Assisted in setting up high availability Postfix mail servers with custom authentication.
* Performed routine account maintenance upon customer request, including DNS updates, httpd changes, and mailman list setup and maintenance on Linux systems.
* Designed various Jenkins jobs to continuously integrate the processes and executed CI/CD pipeline using Jenkins.
* Working on CHEF cookbooks to create an instance from scratch using CFT modules depending upon the environment type.
* Implemented DNS service through Route 53 on ELBs to achieve secured connection via https. Experienced in architecting and configuring secure VPC through private and public networks in AWS.
* Experience in designing and deploying AWS Solutions using EC2, S3, EBS, Elastic Load balancer (ELB), auto scaling groups.
* Domain Support with Performance Analytics plug-in for ServiceNow.
* Build Single Page Applications (SPAs) and PWA using **react**, **redux**, **JavaScript** (ES6) with backward compatibility and polyfill. provided by Babel, node, Express, MongoDB.
* Proficient in Build and configuration of infrastructure in cloud development through the usage of Terraform tool as laC, and ability of modifying the Terraform modules based on the requirement of development project.
* Good knowledge and experience in using Elasticsearch, kibana and fluentd, CloudWatch, Nagios, Splunk, Prometheus and Grafana for logging and monitoring.
* Designed AWS Cloud Formation templates to create customized VPC, subnets, NAT to ensure successful deployment of Web applications and database.
* Built and Deployed Docker images on AWS ECS and automated the CI-CD pipeline.
* Configured the AWS ALB to route the traffic from target group to right targets on AWS ECS.
* laC with CloudFormation for many aws accounts and environments fully integrated with **Jenkins** as pipelines.
* Worked on developing APIs using Kubernetes to manage and specify the copies of the containers to run the actual servers in the cloud environment.
* Worked on TFS/Azure Devops for continuous integration (CI) and for end-to-end automation using PowerShell for all builds and deployments and also worked on Build tools like Maven for the building of deployable artifacts into antifactory like Jfrog and Nexus from source code.
* Automated and orchestrated workloads using Terraform, Chef, Puppet, Ansible and ARM Templates over Microsoft Azure.
* Experience in java development, **AWS and Devops.**
* Expert on building Multi Data Center (MDC) setup, Disaster Recovery (DR), Capacity Planning, Load Balancing and failover configuration, Clustering and High Availability, SSL configuration, Performance Tuning for web applications to integrate with Identity and Access Management Technologies and building IDAM Infrastructure setup. experience in IT Security, mainly in Privileged Identity Access Management.
* Created integrated **shell** scripts to push and fetch the objects from **AWS s3 buckets**.
* Mimic the current profiles **S3 buckets** and create new **S3** **buckets** for **EFG**.
* Created Cloud Formation templates for deploying **AWS** resources though Jenkins.
* Provide recommendations for building the automated lifecycle for DevOps and Experience to manage the project lifecycle end to end.
* Created microservices architecture on AWS.
* Deployed managed **Kubernetes** EKS on AWS.
* Created additional **Docker** Slave Nodes for Jenkins, using custom Docker Images and pulled them to ECR and monitored using Prometheus. Worked on all major components of Docker like, Docker Daemon, Hub, Images, Registry, and Docker Swarm.
* Developed procedures to unify, streamline and automate application development and deployment procedures with Linux container technology using **Docker.**
* Implemented continuous integration and deployment using various CI tools like Jenkins, Bamboo
* Extensive experience in Implementing Configuration Management tools like **Puppet** and **Chef**.
* ﻿﻿Design and implementation of a Puppet-based configuration management system for all new Linux machines.
* ﻿﻿Setup puppet master, client and wrote scripts to deploy applications on Dev, QA, production environment.

**Environment:** TFS/Azure Devops, Azure Infrastructure, Azure AD, Azure Portal, Json, Azure, AWS, SonarQube, IAC, Pivotal Cloud Foundry (PCF), VMware, Kafka, Microservices, WebSphere, Git, Python, Terraform, GCP, Puppet, Firewall, IAAS, SQL, SAS, **Golang, PAAS, Java, Bamboo, Documents, PromQL** Chef Habitat**,** Gerrit, Jenkins, Data Layers, Mailman, IDAM, Postfix, RabbitMQ, Make, ServiceNow, Bezel, GitHub, ECS, Cost Management, Ping Federate, Docker, VM, Linux.

**Client: Depository Trust & Clearing Corporation (DTCC) Nov 2020 – Mar 2021**

**Location: Remote**

**DevOps/Azure Engineer**

**Responsibilities**:

* Virtual Networks, Azure SQL Database, Azure Search, Azure Data Lake, Azure Data Factory, Azure Blob Storage, Azure Service Bus, Function Apps, Application Insights, Express Route.
* Have Worked on Setting up Azure Monitor Dashboard for various Azure Services by enabling Diagnostic settings and writing queries in Log Analytics Workspace to send the logs to Azure storage accounts and stream the logs to Azure Event Hubs.
* Created and configured HTTP Triggers in the Azure Functions with Application Insights for monitoring and performing load testing on the applications using the VSTS and used Python API for uploading all the agent logs into Azure blob storage.
* Involved in creation and setup of server-less pipelines for Lambdas using groovy and terraform, and also CI-CD pipelines for microservice architectures. Maintained documentation on Confluence.
* Data was transferred from On-Premises SQL Database servers to Azure SQL Database servers via Azure Data Factory Pipelines created with the Azure Data Factory copy tool and Self-Hosted Runtimes.
* Created and maintained Continuous Integration (CI) using tools Azure DevOps (VSTS) over multiple environments to facilitate an agile development process that is automated and repeatable, enabling teams to safely deploy code in Azure Kubernetes Services (AKS) using VSTS by YAML scripting.
* Worked on Integrating Azure-DevOps Boards with Microsoft Teams and Pipelines for Notifying Sprint Boards and Teams respectively.
* Well versed in using Terraform templates for provisioning Virtual Networks, Subnets, VM Scale sets, load balancers, and NAT rules. Configured BGP Routes between on-premises data centers and Azure cloud to enable ExpressRoute connections.
* Performed Azure Scalability configuration that sets up a group of Virtual Machines (VMs) and configures Azure Availability and Azure Scalability to provide High Application Availability and can automatically increase or decrease in response to demand.
* Used Azure Kubernetes Service (AKS) to deploy a managed Kubernetes cluster in Azure and created an AKS cluster in the Azure portal using template-driven deployment options such as Azure Resource Manager (ARM) templates and terraform.
* Researched and implemented code coverage and unit test plug-ins with Maven/Jenkins and Installed Groovy plugin to Jenkins and worked on groovy scripts to add support for groovy projects.
* Used Azure Kubernetes Service (AKS) for Implementing Jenkins pipelines into Azure pipelines to drive all micro services builds out to the Docker registry and then deployed to Kubernetes, Created Pods, and managed them.
* Maintained Bitbucket Repositories, including Jenkins for integration, building new repositories, enabling GIT to ignore, branching, merging, and creating pull requests, and Bitbucket and JIRA access control schemes.
* Involved in integrating Azure Log Analytics with Azure VMs for Monitoring, Storing, tracking Metrics, resolving and investigating Root cause issues.
* Worked on creating Jenkins File for various Jenkins jobs using groovy script via DSL (domain specific language) to use them as various workflow scripts for defining CI/CD.

**Environment**: Azure, Terraform, Kubernetes, Ansible, Shell, Python, Linux, Jira, Bitbucket, My SQL, Jenkins, Apache Tomcat 7. x, Azure-DevOps, Docker, NoSQL, ARM, Virtualization, Kubernetes, Nagios, Splunk, App Dynamics Nguni, LDAP, JDK1.7, XML, SVN, Git, Windows, Maven.

**Client: Capital One Jun 2019 – Nov 2020**

**Location: Richmond, VA**

**AWS DevOps Engineer**

**Responsibilities**:

* Leveraged various AWS solutions like **EC2, S3, IAM, EBS, Elastic Load Balancer (ELB), Security Group, Auto Scaling** and **RDS** in cloud Formation JSON templates
* Defined **AWS Lambda** functions for making changes to Amazon **S3** buckets and updating **Amazon DynamoDB** table.
* Created snapshots and **Amazon machine images** (AMI) of the instances for backup and created **Identity Access Management (IAM)** policies for delegated administration within AWS
* Extensive working experience with different **SDLC** methodologies such as **Agile** and **Waterfall** with an ability to be creative and to take self-initiatives to execute/manage multiple projects in parallel during time critical situations.
* Used Flume, **Kafka** to aggregate log data into HDFS.
* Developed a stream filtering system using Spark streaming on top of Apache **Kafka**.
* Responsible to designing and deploying new ELK clusters (Elasticsearch, Logstash, Kibana, beats, Kafka, zookeeper etc.
* Used Ansible to document infrastructure and application dependencies into version control.
* Provisioned load balancer, auto-scaling group and launch configuration for microservices using Ansible
* Developed an Ansible role for Zabbix-agent which will be integrated into the to the CI/CD pipeline.
* Created dynamic routing/load balancing capability, allowing for large application scaling, used ingress rules, and a Network Load Balancer wif teh NGINX Ingress Controller on Amazon EKS.
* Expertise in configuring teh monitoring and alerting tools according to teh requirement like Prometheus and Grafana, setting up alerts and deployed multiple EKS dashboards for various microservices in K8'S.
* Design, build and manage the ELK (Elasticsearch, Logstash, and Kibana) cluster for centralized logging and search functionalities for the App.
* Responsible for designing and deploying new ELK clusters (Elasticsearch, Logstash, Kibana, beats, Kafka, zookeeper etc.
* Designed a system using **Kafka** to auto - scale the backend servers based on the events throughput.
* Creating **Python scripts** to fully automate AWS services which includes **ELB, Cloud Front Distribution, EC2**, Security Groups and**S3**. This script creates stacks, single servers and joins web servers to stacks.
* Wrote python scripts to manage AWS resources from **API** calls using **BOTO SDK** also worked with **AWS CLI.**
* Used **AWS Route53**, to route the traffic between different availability zones. Deployed and supported Mem-cache/AWS Elastic Cache and then configured **Elastic Load Balancing (ELB)** for routing traffic between zones.
* Used **IAM**to create new accounts, roles and groups and policies and developed critical modules like generating amazon resource numbers and integration points with **DynamoDB, RDS.**
* Wrote **Chef**Cookbooks to install and configure **IIS7, Nginx** and maintained legacy bash scripts to configure environments and then converted them to **Ruby Scripts**.
* Implement IOT streaming with Databricks Delta tables and Delta lake to enable ACID transaction logging
* Automation of a release process, writing scripts on PHP, bash, **golang**.
* Worked on logstash, Kibana dashboard and RabbitMQ for logs.
* Infrastructure design for the ELK Clusters.
* Working with **GITHUB** to store the code and integrated it to **Ansible Tower** to deploy the Playbooks.
* Automated various infrastructure activities like Continuous Deployment, Application Server setup, Stack monitoring using **Ansible Playbooks** and has integrated Ansible with **Jenkins.**
* Wrote **CICD pipeline** in **Groovy scripts** to enable end to end setup of build & deployment using **Jenkins.**
* Wrote **Ansible** Playbooks using Python SSH as Wrapper for Managing Configurations of my servers, Nodes, Test Playbooks on AWS instances using **Python.**

**Environment:** AWS, S3, EC2, ELB, GCP, IAM, EKS, RDS, VPC, SES, SNS, EBS, Cloud Trail, Auto Scaling, Chef, Jenkins, Maven, JIRA, Linux, Java, Kubernetes, RabbitMQ, Golang, Terraform, Databricks, Kafka, Docker, AppDynamics, Nagios, ELK, SonarQube, Nexus, JaCoCo, JBOSS, Nginx, Bash, Ruby and Python.

**Client: Ericsson Aug 2017 – May 2019**

**Location: Dallas, TX**

**DevOps Engineer**

**Responsibilities:**

* Created new **Ec2** instances with desired role in a **VPC** that is dedicated to **Dev** environment.
* Wrote cucumber test scripts that checks the data ingested into various applications.
* Worked on design of the clinical data lake that is created in **AWS S3** which has various zones helps for storing data which is used by analytical tools.
* Worked on **Auto Scaling, Cloud watch**(monitoring), **AWS Elastic Beanstalk** (app deployment), **AWS EBS** (persistent disk storage).
* Working knowledge of **Docker Hub**, **Docker Container network**, creating Image files primarily for middleware installations & domain configurations. Evaluated **Kubernetes** for Docker Container **Orchestration**.
* Involved in creation of Architecture and built Minimum Viable product (MVP) for containerization platform using **Docker** and **Kubernetes**.
* Involved in development of test environment on Docker containers and configuring the **Docker containers** using **Kubernetes**.
* Worked on **AWS EC2/VPC/S3/SQS/SNS** based on **automation Terraform, Ansible, Python, Bash Scripts**.
* Designing and implementing CI (Continuous Integration) system: configuring Jenkins Servers, Jenkins nodes, TFS creating required scripts **(Perl & Python),** and creating/configuring **VMs** **(Windows/Linux).**
* Extensively used Cloud Formation templates for deploying the infrastructures.
* Written the Cloud Formation scripts for data lake components that use various **AWS** services such as **Data pipeline, Lambda, Elastic Beanstalk, SQS,** **SNS** and **RDS database.**
* Extensively used Google stackdriver for monitoring the logs of both GKE and GCP instances and configured alerts from Stackdriver.
* Implemented a **CI/CD** framework using Jenkins, Maven & Artifactory in Linux environment and Integration of Maven/Nexus, Jenkins, Git and JIRA.
* Configured Builds on **Jenkins** with ansible playbooks to perform OpenStack Deployment and Administrative Work.
* Involved in testing of components Neutron (networking subcomponent) and Horizon (open stack dashboard). Tested and verified two major platform releases of Mirantis Openstack.
* Magnum OpenStack Container, Puppet (Cloud Configuration Management), Ansible, CFEngine and Worked on Open Daylight as SDN controller and Ceph as SDS in OpenStack
* Configured Builds on Jenkins with ansible playbooks to perform OpenStack Deployment and Administrative Work.
* Created Docker images, upload/download in and out from the Docker Hub and Worked on setting up new tools such as Kubernetes with Docker to assist with auto-scaling, continuous integration, rolling updates with no downtime.
* Worked on creating the Docker containers and Docker consoles for managing the application life cycle and Jenkins is Built on Docker container and the Master controller Kubernetes controls pods.
* Developed Deployments, Pod Definitions, Services in YAML to customize the Deployments in Kubernetes Environment. Troubleshooted various issues with Pods and developed YAML scripts to automate the interaction with API Serer.
* Worked with **JIRA** for creating Projects, assigning permissions to users and groups for the projects & Created Mail handlers and notification Schemes for **JIRA**.
* Building the CICD process from scratch.
* Completed set up of CD environment with focus on UrbanCodeu Deploy.
* Worked on installation, configuration and maintenance **Redhat, Centos**

**Environments:** AWS, Ansible, Puppet, Python, Red Hat, Centos, VMware, GIT, Bash Scripting, Shell Scripting, DHCP Server, KVM, Jenkins, SonarQube, Nexus

**Client: Ctrls May 2014 –March 2015**

**Location: Hyderabad, India**

**Linux Administrator**

**Responsibilities:**

* Administration of **Red Hat Enterprise Linux 5.x/6.x and CentOS** includes installation, testing, tuning, upgrading, patching and troubleshooting day-to-day issues.
* Performed system Firmware updates, **Linux kernel**, memory upgrades and along with Red hats Linux Kickstart Installation.
* Worked on logical volume management creating VG, LV and mounting the file systems and extended file systems size in production servers.
* Successfully Migrated to Windows 2008 R2 x64 Active Directory Single Forest and Domain Architecture and implemented successful migration of User, Computer and Group accounts with SID History.
* Responsible for designing, administrating creating and documenting the new ACL policies enterprise LDAP.
* Installation, configuration, administration and troubleshooting of Implementation VMware vSphere and administration in VMware environment deploying of Templates and Snapshots.
* Mass Build of **Linux/Solaris OS servers using kickstart /jumpstart** automation application.
* Building**Linux servers (web-logic application, Apache, DB servers etc.)** in large quantity as per EDC and Non EDC production requirement as well as App/Dev requirement.
* Installation of **Oracle 11g and Sybase open-client, Apache 2.x on Linux environment.**
* Verification of the built servers.
* Worked extensively with **Network File System (NFS**) for storage.
* Patching of **RHEL5.3 servers**during outage for PCI compliance purpose as well as **VCS patching for Solaris servers during weekend outage.**
* **Kernel Upgrading from EL5.3 to 5.4**during outage in production boxes.
* Decommissioning of the old servers and keeping track or decommissioned and new servers using inventory list.
* Monitored System Activities like **CPU, Memory, Disk** and **Swap** space usage to avoid any performance issues.
* Software package and patch administration, involving adding and removing software packages and updating patches
* Handling problems or requirements as per the ticket (Request Tracker) created.
* Configuration and administration of**LDAP, NFS and NIS** in Linux and also implemented **Samba** for sharing of resources between Linux and Windows environments.
* **Maintained proper documentation** of all the activities carried out during the project.

**Environment**: Sun Solaris 10/9/8, Linux 5/4/3, Oracle 10g, SUN Servers, SUN Fires, Linux, Jump Start, **Shell** Script, Autosys, Veritas Volume Manager (VVM), LDAP, EMC Storage SAN, Veritas Cluster Server (VCS), VMware servers, jboss, WebSphere.

**Education:**

Certifications : AWS Certified Solutions Architect