**Srikanth Reddy Ambati** Cloud/DevOps/SRE Engineer

**Certificate: AWS CERTIFIED SOLUTIONS ARCHITECT**

**Professional Summary:**

Sr. DevOps & SRE professional with 12+ years of IT Experience as Cloud/DevOps/SRE Engineer comprising of Linux and System Administration with a major focus on AWS, Azure, Google, OpenStack, Continuous Integration, Continuous Deployment, Configuration Management, Build/Release Engineer, and Linux Systems Administrator with expertise in Private, Public and Hybrid Cloud platforms along with using various tools like Docker, Kubernetes, Ansible, Jenkins, Git, Maven, Terraform, Python.

* Experience in **AWS** Services EC2, IAM, Subnets, VPC, Cloud Formation, AMI, S3, SNS, SES, RedShift, CloudWatch, SQS, Route53, CloudTrail, Lambda, Kinesis and RDS and obtaining **High Availability and Fault Tolerance for AWS EC2** instances utilizing the services like Elastic IP, EBS and ELB.
* Excellent knowledge in Azure compute services, Azure Web apps, Azure Data Factory & Storage, Azure Media & Content delivery, Azure Networking, Azure Hybrid Integration, and Azure Identity & Access Management.
* Experience in **Azure IaaS, PaaS**, Provisioning VM's, Virtual Hard disks, Virtual Networks, Deploying Web Apps and creating Web-Jobs, Azure Cosmos DB, Active Directory, Azure Windows server, Microsoft SQL Server, Microsoft Visual Studio, Windows PowerShell, Cloud infrastructure.
* Experience in Converting existing **Terraform modules** that had version conflicts to utilize **CloudFormation templates during deployments**, worked with Terraform to create stacks in AWS, and updated the Terraform scripts based on the requirement on regular basis.
* Experience in integrating **Terraform with Ansible, Packer** to create and Version the AWS Infrastructure, designing, automating, implementing and sustainment of Amazon machine images (AMI) across the AWS Cloud environment.
* Experience with creating Dashboards, Reports, Alerts.
* Experience with indexing data from multiple types of systems with and without universal forwarders.
* Experience with writing complex regular expression to extract fields for data that is structured and unstructured.
* Experience with extracting fields, multivalued fields, tags, field aliases, etc.
* Experience in **cloud automation and orchestration framework** using AWS, Azure, and OpenStack. Implemented multi-tier application provisioning in OpenStack cloud, integrating it with PUPPET, migrating the application using MAVEN as build tool.
* Experience in Ansible setup, managing hosts file, **using YAML**, authoring various playbooks and custom modules with Ansible and worked on Ansible Playbooks to automate in AWS services like Launching EC2, Provisioning IAM, Configuring VPC, EBS, **Monitoring using CloudWatch and CloudTrail**.
* Experience in **using Docker** including Docker Hub, Docker Engine, Docker images, Docker compose, Docker swarm, and Docker Registry and used containerization to make our applications platform to be consistent flexible when they are moved into different environments.
* Experience in **deploying Kubernetes Cluster on AWS and Azure** cloud environments with master architecture and wrote many **YAML files** to create many services like pods, deployments, auto-scaling, load balancers, labels, health checks, Namespaces, Config Map etc.
* Experience in **integrating Jenkins** with various tools like Maven (Build tool), Git (Repository), SonarQube (code verification), Nexus (Artifactory) and **implementing CI/CD automation** for creating Jenkins pipelines programmatically architecting Jenkins Clusters.
* Experience in **working on version control systems** like GIT and used Source code management client tools like Git Bash, GitHub, Git GUI, and other command line applications.
* Experience in Branching, Merging, Tagging, and maintaining the version across the environments using SCM tools like GIT and Bitbucket, Subversion (SVN) on **Linux platforms.**
* Experience in using build tools like **MAVEN and** **ANT** for the building of deployable artifacts such as war, jar and ear from source code. Involved in migrating the application from **ANT to MAVEN** by analyzing the dependencies and creating the POM's files to implement the build process using Maven.
* Experience on **ELK architecture** and its implementation. Handled installation, administration, and configuration of **ELK stack** on AWS and performed Log Analysis.
* Experience in **deploying and configuring** Elasticsearch, Log Stash, Kibana (ELK) and AWS Kinesis for log analytics and experienced in monitoring servers using Nagios, Splunk, CloudWatch.
* Experience in Group creation, monitoring and maintaining logs for system status/health using Linux commands and Splunk system monitor. Writing new plugins in **Splunk to monitor**.
* Expert in writing scripts like **Ruby, Perl, Power Shell, JSON, Node.js, YAML, Groovy, Bash/Shell, Python** for automating the build and release process.
* Experience in Working with web servers such as Apache **HTTP** server, **NGINX,** Apache **TOMCAT**, application servers such as Oracle WebLogic 9.x/10.x, IBM WebSphere 6.x/7.x/8.x, JBoss 4.1.
* Knowledge of using Routed Protocols like **FTP, SFTP, SSH, HTTP, HTTPS** and Direct connect. And experience in **Kickstart** installations; support, configuration and maintenance of Red Hat Enterprise Linux, CentOS.
* Experience in system administration working on multiplatform VMware, LINUX (Red hat, SUSE), UNIX (Oracle Solaris 9/10) and windows server.
* Exposure to all aspects of **Software Development Life Cycle** (SDLC) such as Analysis, Planning, Development, Testing, Implementation, Post-production analysis of the projects.
* Developed Groovy-based scripts to automate deployment processes, reducing deployment time.
* Collaborated with development teams to integrate Groovy scripts into CI/CD pipelines, ensuring smooth and efficient releases.
* Implemented infrastructure automation using Groovy-based IaC tools, resulting in reduction in manual configuration efforts.
* Created and maintained monitoring dashboards using Groovy-based integrations for real-time system health analysis.
* Improved scalability by designing Groovy scripts to dynamically adjust cloud resources based on traffic patterns.
* Automated routine Datadog tasks using scripts and APIs, saving time, and reducing manual intervention.
* Created documentation and provided training to team members on Datadog best practices and usage.
* Assisted in cost optimization efforts by analyzing Datadog billing data and making recommendations for resource allocation adjustments.
* Proficient in MongoDB, a leading NoSQL database, with hands-on experience in designing, implementing, and optimizing database schemas for scalable and high-performance applications.
* Familiar with MongoDB Atlas, the cloud-based database service, for deploying, managing, and monitoring MongoDB instances in a cloud environment.
* Proficient in integrating MongoDB with various programming languages and frameworks to build seamless and efficient data-driven applications.
* Well-versed in implementing security measures within MongoDB, including authentication, authorization, and data encryption, to ensure data privacy and compliance.
* Accomplished in troubleshooting and resolving performance issues, ensuring optimal database performance and responsiveness for users and applications.

**Technical Skills:**

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| Cloud Environment | AWS, GCP, Azure, Google, OpenStack, Pivotal Cloud Foundry. |
| Configuration Management tools | Ansible, Ansible Tower |
| Build tools | Maven, Ant, Docker, MS Build, GRUNT. |
| Automation tools | Jenkins, Bamboo, Terraform, CloudFormation |
| Version Control tools | GIT, GIT-lab, TFS, Bitbucket, GitHub, Gutbucket, Subversion (SVN) |
| Operation systems | Sun-Solaris, Red Hat Linux, SUSE, Ubuntu, CentOS, Windows NT/2003/XP/2000, MacOS, UNIX |
| Web servers | Apache, Tomcat, JBOSS 4.x/5.x, Web Logic (8/9/10), Web Sphere4.0/5.0 |
| Database System | MS SQL Server, MySQL, MongoDB, Oracle 9i/10g/12C, IBM DB2 |
| Monitoring tools | Nagios, Datadog, CloudWatch, Splunk, ELK-Xpack, GrayLog, Grafana, New Relics |
| Networking | DNS, DHCP, WAN, TCP/IP, NIS, NFS, SMTP, LAN, HTTP |
| Scripting | Python, Ruby, Bash shell, Power shell, JSON |
| Virtualization Technologies | VMware, Windows Hyper-V, Power VM, VirtualBox, Citrix Xen, Vagrant |
| Web Programming | HTML, CSS, XML, XSLT, jQuery |
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**Role: Senior DevOps/SRE Engineer**

**Client: HD Supply, Remote Dec 2019 to Present**

* Hands-on experience **using Terraform and packer** to create custom machine images and automation tools like Ansible to install software after the infrastructure is provisioned.
* Worked with **Docker and Kubernetes** on multiple cloud providers, from helping developers build and containerize their application **(CI/CD)** to deploying either on public or private cloud.
* Created, managed, and performed **container-based deployments** using Docker images containing Middleware and Applications together and Evaluated Kubernetes for Docker container orchestration.
* Used **Jenkins and pipelines** to drive all microservices builds out to the Docker registry and then deployed to Kubernetes.
* Developed Groovy scripts to automate Kubernetes cluster provisioning and application deployment.
* Integrated Jenkins with Groovy scripts to automate build, test, and deployment processes for a web application.
* Worked with AWS CLI and AWS API to manage resources on AWS for many services such as EC2, S3, VPC, Cloud Watch, ELB, Auto-scaling, created python script using AWS API Calls to manage all resources deployed on AWS.
* Worked with Docker and Kubernetes on multiple cloud providers, from helping developers build and containerize their application (CI/CD) to deploying either on public or private cloud.
* Created, managed, and performed container-based deployments using Docker images containing Middleware and Applications together and Evaluated Kubernetes for Docker container orchestration.
* Utilized Kubernetes and Docker for the runtime environment and used Packer for production usage as part of a Continuous Integration/Continuous Deployment system to build, test, and deploy. Created Jenkins jobs to deploy applications to Kubernetes Cluster.
* Used Jenkins and pipelines to drive all microservices builds out to the Docker registry and then deployed to Kubernetes.
* Experienced in setting up and configuring MongoDB clusters for high availability and fault tolerance, ensuring continuous data availability and reliability.
* Knowledgeable in using MongoDB's aggregation framework for advanced data analysis, allowing for complex transformations and data manipulations.
* Build a practice of performance and tracing using Data Dog APM.
* Used Datadog's capacity planning tools to forecast resource needs and ensure seamless scalability.
* Enhanced security posture by configuring Datadog Security Monitoring for threat detection and compliance checks.
* Implemented Datadog for real-time monitoring and alerting of critical infrastructure and applications.
* Created custom Datadog dashboards to visualize key performance metrics and improve troubleshooting.
* Integrated GIT into Jenkins to automate the code check-out process used Jenkins for automating Builds and Automating Deployments. Excellent hands-on Experience in several areas of Jenkins like master/slave administrations, access controls, report generations, parameterized/triggered build setups etc.

**Environment:** Terraform, AWS, Ansible, Docker, Kubernetes, Jenkins, Git, Maven, Splunk, Nagios, Python Scripts, Kickstart, Java/J2EE, Linux.

**Role: DevOps/Cloud Engineer**

**Client: Walmart, Dallas TX May 2017 to Dec 2019**

* Hands on experience on **using Terraform along with packer** to create custom machine images and automation tools like Chef/Ansible to install software's after the infrastructure is provisioned.
* Worked with **Terraform for automating** VPCs, ELBs, security groups, SQS queues, and continuing to replace the rest of our infrastructure.
* Automated the **cloud deployment** using Chef and **ARM templates** for unattended bootstrapping in Azure.
* Background with reliability tools such as Prometheus, Grafana, Data Dog, etc.
* Created **Ansible roles** in **YAML** and defined tasks, variables, files, handlers, and templates. configured the Ansible files for parallel deployment in Ansible for automating the Continuous delivery process and used Ansible for configuring and managing multi-node configuration management over **SSH and PowerShell**.
* Hands on experience on Azure DevOps and created pipeline for dot net applications.
* Deployed and Maintained windows phone applications on Azure cloud technologies. Converted .Net application to Microsoft Azure Cloud Service Project as part of cloud deployment.
* Managed servers on the Microsoft Azure Platform Azure Virtual Machines instances using Ansible Configuration Management and created Ansible Playbooks, tasks, and roles to automate system operations.
* Integrated Datadog with Infrastructure as Code (IAC) tools like Terraform and Ansible to automate monitoring setup.
* Managed logs effectively by configuring Datadog to collect and analyze logs from various sources, providing valuable insights into application behavior.
* Set up alerting thresholds and escalation policies in Datadog to ensure rapid response to incidents and minimize downtime.
* Leveraged Datadog to identify performance bottlenecks and optimize resource utilization for applications, resulting in improved efficiency.
* Developed custom Datadog integrations to capture specific application metrics and traces, enhancing observability.
* Worked on AZURE (IaaS) migrating like creating AZURE VMs, storage accounts, VHDs, storage pools, migrating on premise servers to AZURE and creating availability sets in AZURE and performing Hardening of the VM's and disk encryption using the KEK key in MS Azure.
* Experience **using Ansible Tower dashboard**, role base access control, access to Ansible for deployments and worked with Ansible Playbooks to automate various deployment tasks and working knowledge on Ansible Roles, Ansible inventory files and Ansible Galaxy.
* Opinionated regarding monitoring, tracing, and logging and how to roll out SaaS solutions like Data Dog vs. build-your-own with Prometheus.
* Worked with **Docker and Kubernetes** on multiple cloud providers, from helping developers build and containerize their application **(CI/CD)** to deploying either on public or private cloud.
* Created, managed, and performed **container-based deployments** using Docker images containing Middleware and Applications together and Evaluated Kubernetes for Docker container orchestration.
* Utilized **Kubernetes and Docker** for the runtime environment and used **Packer** for production usage as part of a Continuous Integration/Continuous Deployment system to build, test, and deploy. Created Jenkins jobs to deploy applications to **Kubernetes Cluster**.
* Used **Jenkins and pipelines** to drive all microservices builds out to the Docker registry and then deployed to Kubernetes.
* Build a practice of performance and tracing using Data Dog APM.
* Integrated **GIT into Jenkins** to automate the code check-out process used Jenkins for automating Builds and Automating Deployments. Excellent hands-on Experience in several areas of **Jenkins** like master/slave administrations, access controls, report generations, parameterized/triggered build setups etc.
* Build virtualized Linux servers on ESXi, vSphere servers to host multiple applications on same chassis across different server hosts. Installation and administration of RedHat &amp; CentOS using RPM and YUM package installations, patch and other server management.
* Written **GRADLE, MAVEN** Scripts to automate build processes and managed MAVEN repository using Nexus Tool and used the same to share snapshots and releases and **built end to end CI/CD pipelines** in Jenkins to retrieve code, compile applications, perform tests and pushed built artifacts to orchestrate changes across servers and components.
* **Tested Splunk** search strings & operational strings and used it as resource monitoring tool. Worked with administrators to ensure Splunk is actively and accurately running and monitoring on the current infrastructure implementation.
* Excellent hands-on experience working with **monitoring tools** such as Nagios, Splunk, ELK and working with load balancing, Integrating, and monitoring with Nagios and Splunk also checking the health of applications.
* Experience in Observability and APM technologies like Datadog.
* Developed microservices onboarding tools leveraging **Python** and Jenkins allowing for easy creation and maintenance of build jobs and Kubernetes deploy and services.
* Developed **PowerShell script** to fetch necessary information from webpages according to the requirement and to automate routine tasks when applicable.
* Expertise in administering and automating operations across multiple platforms and Windows servers, Performed numerous server migrations on both **Linux/Unix**. Migrations include moving all clients and their data, configuration settings, testing and verifying everything is correct with zero downtime.

**Environment:** Azure, Terraform, Packer, Ansible, Docker, Kubernetes, Jenkins, Git, Maven, Splunk, Nagios, Python Scripts, Kickstart, Java/J2EE, Linux.

**Role: Sr. Cloud & AWS Engineer**

**Client: Bank of New York, NYC Aug 2014 to May 2017**

* Created **AWS CloudFormation Templates** to create custom sized VPC, subnets, EC2 instances, ELB, security groups. Managed other AWS Services like S3, Cloud Front, Cloud Watch, RDS, Kinesis, Redshift Cluster, Route53, SNS, SQS, Cloud Trail.
* **Implemented AWS** solutions using S3, RDS, EBS, Elastic Load Balancer, and Auto-scaling groups, Optimized volumes and EC2 instances and Using Jenkins AWS Code Deploy plugin to deploy to AWS.
* Worked on Azure services like logic apps, web apps, Azure vms, function app, azure load balancer and api gateways.
* hands on experience on azure DevOps and created pipeline for dot net applications.
* Deployed and Maintained windows phone applications on **Azure cloud technologies**. Converted **.Net** application to Microsoft **Azure Cloud** Service Project as part of cloud deployment.
* Managed servers on the Microsoft **Azure** Platform **Azure** Virtual Machines instances using Ansible Configuration Management and created **Ansible Playbooks**, tasks, and roles to automate system operations.
* Worked on **AZURE** (IaaS) migrating like creating AZURE VMs, storage accounts, VHDs, storage pools, migrating on premise servers to AZURE and creating availability sets in AZURE and performing Hardening of the VM's and disk encryption using the **KEK key** in **MS Azure**.
* Worked with **AWS CLI and AWS** **API** to manage resources on AWS for many services such as EC2, S3, VPC, Cloud Watch, ELB, Auto-scaling, created python script using AWS API Calls to manage all resources **deployed on AWS**.
* Migrated **MySQL**, **ORACLE** databases from on-premises to AWS, Created snapshots and Amazon Machine Images of EC2 Instances as a part of backups. Configured AWS ELB for providing High-Availability to applications across multiple availability zones by performing periodic health checks.
* Experience with site monitoring and log monitoring tools, specifically Datadog.
* Strong Virtualization experience - VMware ESXi, VMware VDI, Hyper-V, KVM, etc.
* Adding Compute nodes into **OpenStack cloud platform**. Responsible for supporting and maintaining OpenStack in a production environment.
* Troubleshooted lifecycle services within the **OpenStack** including log files, message queues, database, Compute hardware, and network connectivity.
* Created custom machine images and automation tools like Ansible **using Terraform** along with **packer** to install software's after the infrastructure is provisioned.
* Involved in **working with Terraform** to bring up a count of 'container instances' or 'nodes' in an **AWS ECS cluster** with different instances running on each one.
* Configured Ansible control machine and wrote **Ansible playbooks** with Ansible roles. Used file module in Ansible playbook to copy and remove files on EC2 instances.
* Experience with **Container based deployments** using Docker, working with Docker images, Docker Hub and Docker-registries and Kubernetes.
* Developed procedures to unify streamline and automate applications development and deployment procedures with Linux container technology using **Docker swarm and Docker compose.**
* Worked on implementing microservices on **Kubernetes Cluster** and Configured Operators on Kubernetes applications and all its components, such as Deployments, Config Maps, Secrets and Services.
* Configured and administered Jenkins for automated builds and Responsible for installing **Jenkins master** and slave nodes and maintenance of build pipeline.
* Configuration of various **plugins for Jenkins** for automation of the workflow and to optimize and smooth running of build jobs.
* Managed Git repository, code merging, production deployments and analyzed and resolved conflicts related to merging of source code for **Git**.
* Worked with **MAVEN** as a build tool on java projects for the development of build artifacts on the source code. Maintained build related scripts developed in shell for Maven builds, created and modified build configuration files including **POM.xml.**
* Configuring and managing **ELK stack**, setup the elastic search ELK Stack to collect search and analyze log files from across the servers and integration of Application with monitoring tool **New Relic** for complete insight and proactive monitoring.
* Created **Python scripts** to totally automate AWS services which includes web servers, ELB, CloudFront distribution, database, EC2 and database security groups, S3 bucket and application configuration, this script creates stacks, single servers, or joins web servers to stacks.
* Experience in administering and maintaining Linux servers in production environments. Supported in the installation of packages/patches on Linux platforms. Implemented Backup & Disaster recovery management on Linux platforms.

**Environment:** AWS, OpenStack, Terraform, Packer, Ansible, Kubernetes, Docker, Jenkins, Maven, Git, Python/Shell/Perl/Ruby/PHP Scripts, Linux, ELK, New Relic, VMware, Tomcat Apache, JIRA, web &application servers, Networking.

**Role: Build and Release/SRE Engineer**

**Client: Macys, San Francisco CA Aug 2011 to Aug 2014**

* Hands on experience on **using Terraform along with packer** to create custom machine images and automation tools like Chef/Ansible to install software's after the infrastructure is provisioned.
* Worked with **Terraform for automating** VPCs, ELBs, security groups, SQS queues, and continuing to replace the rest of our infrastructure.
* Automated the **cloud deployment** using Chef and **ARM templates** for unattended bootstrapping in Azure.
* Background with reliability tools such as Prometheus, Grafana, Data Dog, etc.
* Created **Ansible roles** in **YAML** and defined tasks, variables, files, handlers, and templates. configured the Ansible files for parallel deployment in Ansible for automating the Continuous delivery process and used Ansible for configuring and managing multi-node configuration management over **SSH and PowerShell**.
* Experience **using Ansible Tower dashboard**, role base access control, access to Ansible for deployments and worked with Ansible Playbooks to automate various deployment tasks and working knowledge on Ansible Roles, Ansible inventory files and Ansible Galaxy.
* Opinionated regarding monitoring, tracing, and logging and how to roll out SaaS solutions like Data Dog vs. build-your-own with Prometheus.
* Worked with **Docker and Kubernetes** on multiple cloud providers, from helping developers build and containerize their application **(CI/CD)** to deploying either on public or private cloud.
* Created, managed, and performed **container-based deployments** using Docker images containing Middleware and Applications together and Evaluated Kubernetes for Docker container orchestration.
* Utilized **Kubernetes and Docker** for the runtime environment and used **Packer** for production usage as part of a Continuous Integration/Continuous Deployment system to build, test, and deploy. Created Jenkins jobs to deploy applications to **Kubernetes Cluster**.
* Used **Jenkins and pipelines** to drive all microservices builds out to the Docker registry and then deployed to Kubernetes.
* Build a practice of performance and tracing using Data Dog APM.
* Integrated **GIT into Jenkins** to automate the code check-out process used Jenkins for automating Builds and Automating Deployments. Excellent hands-on Experience in several areas of **Jenkins** like master/slave administrations, access controls, report generations, parameterized/triggered build setups etc.
* Build virtualized Linux servers on ESXi, vSphere servers to host multiple applications on same chassis across different server hosts. Installation and administration of RedHat &amp; CentOS using RPM and YUM package installations, patch and other server management.
* Written **GRADLE, MAVEN** Scripts to automate build processes and managed MAVEN repository using Nexus Tool and used the same to share snapshots and releases and **built end to end CI/CD pipelines** in Jenkins to retrieve code, compile applications, perform tests and pushed built artifacts to orchestrate changes across servers and components.
* **Tested Splunk** search strings & operational strings and used it as resource monitoring tool. Worked with administrators to ensure Splunk is actively and accurately running and monitoring on the current infrastructure implementation.
* Excellent hands-on experience working with **monitoring tools** such as Nagios, Splunk, ELK and working with load balancing, Integrating, and monitoring with Nagios and Splunk also checking the health of applications.
* Experience in Observability and APM technologies like Datadog.
* Developed microservices onboarding tools leveraging **Python** and Jenkins allowing for easy creation and maintenance of build jobs and Kubernetes deploy and services.
* Developed **PowerShell script** to fetch necessary information from webpages according to the requirement and to automate routine tasks when applicable.

**Role: Linux System Engineer**

**Client: National Payments Corporation of India, Hyderabad Apr 2010 to Aug 2011**

* Build virtualized Linux servers on ESXi, vSphere servers to host multiple applications on same chassis across different server hosts. Installation and administration of RedHat &amp; CentOS using RPM and YUM package installations, patch, and other server management.
* Written **GRADLE, MAVEN** Scripts to automate build processes and managed MAVEN repository using Nexus Tool and used the same to share snapshots and releases and **built end to end CI/CD pipelines** in Jenkins to retrieve code, compile applications, perform tests and pushed built artifacts to orchestrate changes across servers and components.
* **Tested Splunk** search strings & operational strings and used it as resource monitoring tool. Worked with administrators to ensure Splunk is actively and accurately running and monitoring on the current infrastructure implementation.
* Prepare specs for new infrastructure and VMware servers, disk storage, and network switches, routers, firewalls, and VPN.
* Installed VMware ESXi 5.5 and 6, vSphere Server and VMware vCenter Server 5.5/6 in rack Servers.
* Planned and performed the upgrades to Linux (RHEL 5x, 6x, SUSE 10, 11, CENTOS 5, 6) operating systems and hardware maintenance like changing memory modules, replacing disk drives.
* Handling NFS, Auto Mount, DNS, LDAP related issues. Install and configure DHCP, DNS (BIND, MS), web (Apache, IIS), mail (SMTP, IMAP, POP3), and file servers on Linux servers.
* Monitoring CPU, memory, physical disk, Hardware, and Software RAID, multipath, file systems, network using the tools NAGIOS 4.0 monitoring.
* Deployment and Configuration of application server Tomcat deploying Java and Web Application.
* Installed, monitored, and configured Applications in Nginx and Apache Tomcat Server and establish connectivity to databases and troubleshoot issues on the fly.
* Writing Shell scripts for automation of daily tasks, documenting the changes that happen in the environment and in each server, analyzing the error logs, analyzing the User logs, analyzing the /var/log/messages.
* Design, build, and maintain production servers and RAID storage systems.

**Environment:** UNIX, RedHat Satellite Server, NFS, Auto Mount, DNS, Tomcat, NAGIOS4.0, Java, RDBMS.

**Education:** master’s in computer science, Saintleo University (2011-12)

Bachelors in information technology, CVR Hyderabad (2007-2011)