

**Srinivas Yadav** | **Phone: 234-817-3604|E-mail: syadav5223@gmail.com**

**Professional Profile**

4 + Years of successful professional experience as a Linux admin, DevOps/AWS Engineer and looking for a progressive career to constantly upgrade myself in to DevOps/AWS Engineer related tools such as Continuous Deployment, Continuous Integration,Cloud Services(IAAS), Version Control andIntegrated Testing.

Education

**Kent State University**  -**2016**

Master’s Degree in Computer and Information Scienceswith **3.84** GPA.

Jawaharlal Nehru Technological University - 2015

Bachelor’s Degreein Computer Science Engineering with 3.7GPA.

Certification:

Certified in *AWS solution Architect-Associate*

TECHNICAL SKILLS

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| Version Control | Git, GitHub |
| Build management tool | Maven |
| Continuous Integration | Jenkins |
| Configuration management tool | Ansible, Terraform, Chef. |
| Cloud Platform | AWS (Amazon Web services)- RDS, S3, EC2, Load Balancing, VPC, EBS, Cloud Formation, Lambda, Cloud Watch. |
| Monitoring tool | Nagios |
| Deployment | Docker |
| Operating Systems | Linux (Amazon Linux, CentOS, Ubuntu, RHEL) |
| Project management | Waterfall and Agile Methodology |
| Programming languages | Java, .Net. |
| Scripting language | Python, Ruby, Shell script, Node.js |
| Database | SQL, MySQL, MongoDB, Cassandra. |

Related Experience (Academic project and presentations)

**1.Deploying the Web Applications in to Servers(DevOps/AWS).**

Creating a simple java application along with pom.xml, Install Jenkins on ec2 Instance and created Jenkins jobs by integrating maven and getting war or jar or ear file and pushing into S3 bucket, using ansible(playbook) we installeda tomcat and Created another role that can deploy (war,jar or ear) file to Tomcat, Deploying the application in 3 servers and created a load balancer for single point of contact. By using RDS Database(AWS) we enter a data from webbrowser and checking the data in database. We used Nagios to monitor the CPU, services usage in all the servers.

**Environment**: Amazon Web Services (EC2, AWS S3, AWS RDS), Maven, **GitHub**, **Ansible,Jenkins**, Java, Linux (RHEL, Centos), Apache HTTPD, Apache Tomcat, Nagios.

**Professional Experience:**

*AKT- Texas Platform: DevOps/AWS* (Sept-2016 - till present)

* + Worked within the Cloud for integration processes
  + Focused on automation and integration
  + Using **Jenkins** as a continuous integration tool to creating new jobs, managing required plugins, configuring the jobs selecting required source code management tool, build trigger, build system and post build actions, scheduled automatic builds, notifying the build reports.
  + Running web apps in containers on Dockerand Docker Swarm
  + Creating and testing the Docker Containers.
  + Launching EC2 instances and involved in **AWS** RDS, S3, Load Balancing, IAM, VPC, Cloud Formation, Lambda, Auto Scaling Cloud Watch.
  + Deployed applications on multiple web servers and maintained Load balancing, high availability by using Azure platform.
  + Worked within VMware.
  + Writing cookbooks in Chef and playbooks in Ansible
  + Worked on Branching, Tagging and Release Activities on Version Control Tools: **GitHub**.
  + Done with Automation of AWS resources and many other resources like Jenkins, Docker, Node.js, and Severs automations by using **ansible**

<https://github.com/Skare0404/Ansible-Automation>

<https://github.com/Skare0404/EMR_Terraform>

* + Spinning up AWS resources by using **terraform**
  + Writing and deploying JSON templates for cloud formation.
  + Automated with AWS resources with Node.js script.
* Executed **MAVEN** builds to automate artifacts like jar, war, and ear and pushing the War, Jar, war files in to S3 bucket (AWS)
* Monitoring the servers by using **Nagios**.
* Installation, maintenance and regular upgrades of Red Hat Linux, Centos, Ubuntu servers
* Experience supporting and deploying to web application servers such as Apache, Tomcat, and Apache HTTPD servers.

**Environment:**Linux (RHEL,Centos,Ubuntu), AWS, Jenkins, Chef, Ansible, Terraform, Cloud Formation, Maven, Nexus, GIT, Nagios, Apache, Tomcat & HTTPD servers, Node.js, Docker

*Capgemini America Inc. -internship -2017*

Platform: Shared Services Integration - DevOps

* Capgemini *Certified*for “Deploying a multi-node application to AWS using Terraform and Chef”
* Capgemini *certified* – AWS SysOps Associate.
* Certified by Skillsoft in Advanced Architecting on Amazon Web Services and RedHat Linux
* Configured and maintained **Jenkins** to implement the CI process and integrated the tool with Maven to schedule the builds.
* Setting up the GIT repos for Jenkins build jobs
* Automated AWS resources and Apache Spark, ZooKeeperby using **Terraform**
* Hosted applications with the AWS Cloud,Worked on Cloud automation using AWS Cloud Formation templates.
* Writing Chef Cookbooks to automate the AWS resources.
* Creating the containers by using Docker.

Environment:RHEL,AMI, AWS, Jenkins, Chef, Ansible, Terraform, Cloud Formation, Maven, GIT.

*Ctrl S Data Centers- Hyderabad*

Platform*:* Linux Admin March 2013 to Dec-2015

* Installation, Configuration and administration of Red Hat Linux servers and support for servers.
* Installation, maintenance and regular upgrades of Red Hat Linux servers using kick start bases network
* Installation of oracle patches and troubleshooting, creating and modifying application related objects, creating profiles, users, roles and maintaining system security
* Installed and managed VMware ESX 4.5 hosts running RHEL 5, 6 versions.
* Solved tickets related issues, User creation, Accesses, Permissions, file system creations and enable and removing.
* Monitored System activities like CPU, Memory, Disk and Swap space usage to avoid any performance issues
* Provided 24x7 System Administration support for Red Hat Linux servers and resolved trouble tickets on shift rotation basis.
* Implemented IT infrastructures such as data center, servers, storage, backup and virtualization

Environment:RHEL,Centos, Tomcat servers, Trouble Shooting, Nagios, Remedy.