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CAREER OBJECTIVE:

6 years of experience as a Skilled DevOps Engineer with experience on Linux, AWS, Docker, Jenkins, Ansible, supporting, automating, and optimizing mission critical deployments in infrastructure, leveraging configuration management and DevOps processes.

PROFESSIONAL SUMMARY:

- Worked on Amazon Web Services (EC2, ELB, VPC, S3,IAM, RDS, Route 53, CloudWatch, SNS,).
- Drive improvements in Continuous Integration (CI) area and enhance CI/CD Planning and prioritizing of CI automation scope and backlog
- Experience in working with CI/CD tools **Jenkins** and creating the pipelines so as to make the deployments easier and more reliable and efficient.
- Experience designing, implementing **continuous integration** - **continuous delivery**
- Involved in setting up Jenkins master and multiple slaves for the entire team as part of continuous development and deployment process.
- Experience in any Provisioning tool like **Terraform**, **CloudFormation** etc.
- Work with development teams to assist with various automation and configuration tasks
- Develop, support, and improve tools for continuous integration, automated testing and release management
- Strong on automating the things with Python and also has some dev experience.
- Worked on Jenkins and involved in continuous delivery and continuous integration.
- Experience in using version control tools like **GIT,BitBucket**.
- Experience in working with configuration management tools like **Ansible.**
- Experience in writing **Ansible Playbooks** to automate middleware installations and deployment activities.
- Maintaining Containerized applications through UCP tool for **Docker Containers.**
- Managed Docker orchestration and Docker containerization using **Kubernetes**.
- Experience in using **AWS** including **EC2**, **Auto-Scaling in launching EC2 instances, Elastic Load Balancer, S3.**
- Hands on experience in configuration management, **DevOps** and Infrastructure management with automation tools.
- Deploying the applications manually on Linux and Windows environments and also using different sorts of tools like Bladelogic, Jenkins, AWX tower etc.
- Was involved in manual deployments and automated deployments and followed various DevOps practices for infrastructure optimization.

Versioning Tools	GIT, Bitbucket
CI / CD	Jenkins, AWX Tower , Bladelogic
Configuration Management	Ansible, Puppet, Terraform
Containerization tools	Docker,Kubernetes
Scripting	Python, shell scripting
Operating Systems	LINUX, Windows
Cloud Platforms	AWS,GCP
Monitoring tools	Sitescope,CA WILY Introscope,Netcool,Cloudwatch,Nagios

Technical Skills:

PROFESSIONAL EXPERIENCE:

- ➔ **Organization** : **Salesforce**
- ➔ **Designation** : **Software Engineer**
- ➔ **Period of Service** : **From Mar 2020 to till date**

Autobuild system:

- Worked on the Autobuild system and collaborated with the developer's so as to maintain the autobuild system healthy.
- Here in this project before the checkin gets submitted to the production it gets validated in precheckin which is also a production like environment so as to help the developers that the checkin's they are making is validated before getting submitted directly to producer.
- I maintain the AutoBuild system both pre-checkin and production and help the developers whenever they are stuck or have some issues while submitting the code to the production.
- I made sure that our Autobuild System is reliable and is highly available by overcoming the frequent errors and making sure to fix them in the next release.
- I maintain the CI/CD of the system and make sure that our system is available and we maintain metrics and dashboards so as to detect the failures in the system early and make sure to fix them.
- As part of the CI/CD process we collaborate with the developers and make sure that the checkin's they do are cent percent successful and if there is any issue we engage them immediately and tell the change it could impact to the system and will also make sure to revert there change as it might impact other changes.
- The Autobuild system is provisioned in GCP and AWS. We follow the SRE model here and make sure that the system is highly available.
- Involved in the SRE practices so as to attain the product stability and reliability.
- The SRE model help us to understand the drawbacks and helps us to improve in each quarter and attain the desired availability of the product.

Devops SRE:

- Gather and Analyse requirements (BRD)
- Design(POC scrum/sprints), implement and Support CI-CD (git, jenkins, Ansible)
- Troubleshoot high-load, memory, network, cpu usage with nagios, cacti, ELK, NewRelic
- Collaborate closely with scrum teams
- Daily scrum stand up meetings

Environment: Linux, Ansible, Git,Jenkins, Java/Groovy, Nagios, Documentation which we used.

TECHNICAL SKILLS:

- AWS
- Linux
- Docker
- Jenkins
- Puppet
- Ci-Cd
- DevOps
- Git
- Vagrant
- Chef
- OpenStack
- Runbooks
- HAProxy
- Splunk
- Kibana
- ElasticSearch
- Logstash
- Nagios/Cacti/zabbix
- EC2
- Service now
- MySQL
- Linux
- Apache
- IIS
- CDN
- Unix

➔ **Organization** : **Automatic Data Processing (ADP)**
➔ **Designation** : **Senior Member Technical(G2L2)**
➔ **Period of Service** : **From Jan 2016 to Feb 2020**

Roles & Responsibilities:

Payforce To Vantage:

- Payforce and Vantage are two different payroll products which provides the clients the services right from recruiting to retirement services which includes paychecks, punchcards, time-in and time-outs etc.
- Scheduling downtimes of the servers for patching, memory upgrades and various admin activities in coordination with Appropriate teams
- Monitoring Linux Server Health via Sitescope and BSM BPM Edge.
- Responsible for Software Configuration Management, Installing Software and maintaining the Build Environment using **Ansible**
- Written **Ansible** YAML playbooks to configure the servers.
- Configured and maintained **Jenkins** to implement the **CI** process and integrated the tool with **Maven** to schedule the builds and automated the deployment on the application servers using the "code deploy" plugin for Jenkins.
- Continuous Delivery being enabled through Deployment into several environments of Test, QA and Production using Jenkins.
- Managing **Amazon EC2, Amazon S3, Elastic Load Balancing**.
- Creating **Docker image** and running **Docker containers** and managing the containers through docker swarm/control panel Environment.
- Managed and monitored the server and network infrastructure using **Sitescope.**
- Work with development/testing, deployment, systems/infrastructure and project teams to ensure continuous operation of build and test systems.

Roles & Responsibilities
- Involved in automating the stuff using python and shell scripting wherever there is a chance of reducing the human efforts.
- Set up new applications and environments from scratch - from getting the RHEL hosts provisioned to getting the app rolled out in production, following a dev. to prod technique, and provide server maintenance after that as well.
- Make the servers self-healing by setting up crontabs and alerts on the hosts along with setting up Tomcat/Apache apps and also assist on upgrading versions and putting in patches and enhancements.
- Application deployment on the production and non-production environments by following proper release and change management
- Code and Implement shell scripts for various tasks such as rsync, disk space monitoring, cpu utilization and performance monitoring, port monitoring, application bounce scripts etc
- Extensive engineering experience with Linux operating systems
- Experience with managing AMI's and creating base images
- AWS infrastructure building experience at an Enterprise scale
- Working experience with Terraform or CloudFormation
- Working experience with Git or version control tools
- Installation and Configuration of Continuous Integration Tools Jenkins.
- Performed Integrated delivery (CI and CD process) Using **Jenkins, Git and Ansible**.

DECLARATION:

I hereby declare that the above information is correct to the best of my knowledge.

(Sai Srujan)