SARAVANAN R

Devops and Linux Engineer
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Location: Royapuram, Chennai

OBJECTIVE

To utilize my current skills towards a challenging career in growth oriented, and leading edge organization that recognizes and values individual contribution and provides opportunities for contributing growth advancement**.**

WORK EXPERIENCE

- ➢ Overall 3.8 years of experience comprising of Cloud Engineer, DevOps Engineer, and Linux System Engineer.
- ➢ Devops and Linux Engineer in Pixstone Images Pvt Ltd from July 2019 to Present.
- ➢ System Engineer in Frontier Business System Pvt Ltd from Dec 2017 to July 2019.
- ➢ Desktop support Engineer in Inspace Technology Pvt Ltd from Sept 2016 to Dec 2017.

SKILL SETS

	SKILLS
Operating System	Windows Server 2012,2016 Linux- Centos 7, Ubuntu, Red hat 7,Mac OS-Catalina, Mojave, High Sierra
Configuration Management	Ansible, Saltstack
Integration Tool	Jenkins
Cloud	AWS (EC2, IAM, VPC, Cloud Migration, ELB,Route53, SNS,SES,SQS
Monitoring	Cloud Watch, Splunk
Build Tools	Maven
Scripting	Terraform, Basics Python
Web Server	Apache, Nginx
Versioning	Git, Github
Package Repository	Nexus, Artifactory
Containers Platforms	Docker
Code Quality	Sonarqube
Backup Application	ARCSERVE backup tool
Other Tools	My Helpdesk ticketing tool, Simple MDM, File zilla, Squid proxy server
Anti-Virus	Sophos
Firewall	Sonicwall TZ300, NSa4650

PROFESSIONAL EXPERIENCE

- ➢ Working with **Pixstone Images Pvt Ltd** in Chennai from July 2019 to Present.

  Role: Devops and Linux Engineer
  Environment: Centos 7, Jenkins, Git, Github, Ansible, Cloud watch, VPC, Splunk

Project Description:
Pixstone Images provides VFX related works to their clients, based on that maintaining Bedrock application for shot code, Design and develop Continuous Integration and continuous deployments (CI-CD) with tools like GIT, Jenkins, Maven, Docker, Sonarqube and Nexus and Splunk.

Roles and Responsibilities:
- Writing Ansible Playbooks in YAML to manage configurations and automate installation process and Push from Master Server to Slave systems for VFX related User end applications like Nuke, Maya, Silhouette, Mochapro, DJV player.
- Helped developers with version control system tasks such as branching, merging, and cherry-pick changes. Worked on SCM tools like Git, Git Hub. Perform maintenance and upgrade Continuous Integration Systems.
- Created and Implemented branching & merging strategy with multiple branches
- Working experience on pipeline and Multi-branch pipeline for our services in development, staging and pre-production environment by using the integrated Tools Jenkins.
- Experience managing multiple Project Object Model (POM) files using Maven, in the multi-tier environment with parent and child POM dependencies.
- Worked on creating the Docker containers, Docker container images, tagging and pushing the images and Docker consoles for managing the application life cycle.
- Setup/Managing VPC, Subnets make connection between different zones; blocking suspicious IP/subnet via ACL.And also Using Terraform for creating VPC connection.
- Monitoring production servers and services (Using Splunk, AWS cloud watch to maintain server uptime, load and ensure the availability of server resources).
- Created, modified and customized Ansible playbook modules to fit in infrastructure requirements.
- Supported Dev team with troubleshooting build failures and artifactory repository maintenance in nexus or artifactory in S3 Storage.
- Installing and configuring nginx web server for Kick start server Centos installation.
- Installing and configuring apache web server for creating repositories for Centos User end.
- Setting the cron jobs as per the client requirements.
- Backup and restoration of VFX production data in L to 7 Ultrium RW Tape using ARCSERVER backup tool.
- Experienced in migration of on-premises-to-cloud migration.
- Maintaining activities like creating/modifying user accounts, password administrator & security management.
- Configuring and Managing the Remote Server Management tools like IDRAC and KVM Raritan.

- Working with **Frontier Business System Pvt Ltd (IT OUTSOURCE)** in Chennai from Dec 2017 to July 2019.

Roles and Responsibilities:
- Setup/Managing Servers on Amazon (EC2, EBS, ELB, SNS, S3, Security Groups, IAM)
- Managing the storage using Elastic Block Storage, S3, creation of volumes and snapshot configuration. Created volumes and attach volumes on to EC2 instances
- Handling and Maintenance of **MY HELPDESK** ticketing tool for user's requirements and issues. Installing MAC operating system from Deploy studio server.
- File server's installations & configurations (FTP, SAMBA, and NFS).
- Archive files with the help of tar command, reduce file size by compression like gzip, bzip2.
- Scheduling Backup through crontab.File permissions to user through special permissions (Sticky bits, SUID, SGID).

➢ Working with **Inspace Technology (IT OUTSOURCE)** in Chennai from Sept 2016 to Dec 2017.

Roles and Responsibilities:

➢ Joining Linux- Centos, Ubuntu to Windows Active Directory and Pam mount the storage in FSTab.
➢ Configuration and Installation Windows DHCP server, FTP server.
➢ LVM partition in Linux and LVM dis**k** management
➢ Troubleshooting network connectivity (LAN and Wi-Fi) issues.
➢ Create and Reset User account and Password in Active Directory User management using Python Script.Checking mail server storage log.
➢ Patches Updation in Windows 10, configuring virtual machines in Hyper-v, Virtual box.
➢ Handling issues in applications like Thunderbird, Outlook, Tally Server, CRM, Voice logger.
➢ Install and Configure Windows Server AD, DNS, WDS, DHCP and FTP servers.
➢ Installation and Configuration of Network Printers.
➢ Knowledge in MPLS, NPLC, VPN, OSI Layers in Network and Network Topologies.
➢ Knowledge in Raid level 0/1/5/6/10.

COURSE COMPLETION

➢ Amazon Web service (AWS Cloud)
➢ Red Hat Certified Engineer(RHCE)
➢ Cisco Certified Network Associate(CCNA)
➢ Hardware and Networking(A+,N+)

ACADEMIC PROFILE

➢ B.E CSE[ARM College of Engineering and Technology]	65 Percent	2016
➢ H.Sc [C.S.I Rajagopal Hr. sec school]	65 Percent	2012
➢ SSLC [C.S.I Rajagopal Hr. sec school]	82 Percent	2010

PERSONAL DETAILS

Date of Birth   : 20/08/1994

Gender   : Male

Language known   : Tamil, English

Passport details   : N8483702

Marital status   : Unmarried

Address for Communication   : no-117/54 G.M Pettai Main Road,

Royapuram, Chennai-13.

DECLARATION

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

Place: Chennai.   (Saravanan Ravi)