SARAVANAN R

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Professional Summary:

- **Bachelor's Degree B.E** in Computer Science.
- Over 6.7 years of total IT Experience as System Administrator.
- Over 3+ years of Experience in AWS and Azure Devops platform in supporting, automating and optimizing deployments.
- Experience in Linux (Ubuntu, Rocky, Alma, Centos) and Windows operating systems.
- Integrate Terraform and Ansible by one click environment creation as infrastructure in AWS and configure Deadline Render Servers using Playbooks.
- Set up Terraform backends, modules, Managing State file store in remote location S3 and var files to manage multiple environments with same Infrastructure code.
- Extensively worked on ansible deployments, written various ansible playbooks with multiple roles, tasks with loops, templates, service management, host variables, group variables etc.
- Manage Jenkins Server and schedule ARCSERVER TAPE backup.

Technical Skills:

❖	CI	: Jenkins, Azure Devops
❖	App Server	: Tomcat, Azure App service
❖	Agile Tool	: Azure Boards
❖	Webserver	: Apache
❖	Configuration Management	: Ansible
❖	Containerization	: Docker
❖	Orchestration	: Kubernetes (Basics)
❖	Versioning	: Git, Azure Repo
❖	Scripting Languages	: Shell Script (Basics)
❖	Monitoring	: Nagios, CloudWatch, Splunk(Basics)
❖	Cloud	: AWS, Azure
❖	Virtualization	: HYPERV, Citrix XenServer
❖	Firewall	: Sonicwall NSa 6700
❖	Ticket Tool and communication	: Zendesk, slack, Zoho People, Azure Sprint

Experience Summary:

- ❖ **System Administrator (Devops and Cloud)**
- ➢ Company: Pixstone Images Pvt Ltd
- ➢ Client   : Netflix VFX project(AWS) and Internal Project(AZURE)   (**July 2017 – April 2023**)

Project Details:

Project Title: Bedrock Application (VFX)   **from Jan 2021 to April 2023**

Description: Bedrock is an internal application to do the VFX shot code details and shot delivery status.

Roles &Responsibilities:

- Working in Agile Methodology and CI/CD flow in Azure Devops pipeline and providing DevOps solution as a part of Azure DevOps Engineer.
- Using Azure DevOps board tool interacting with Dev Team.
- Resolved Merge Conflicts, configured triggers and queued new builds within the release pipeline.
- Managing Software configuration, Build & Release activities of multiple web applications in Agile Methodology.
- Onboarding employees in Azure Active Directory and also knowledge to migrate Active Directory. Connect Azure Windows's systems to users using Zero trust application and teradici PCOIP as remote connection.
- Knowledge in Azure Virtual Network, Load Balancing, Identity management, ARM Templates (Basics).

Project Title: Deadline Render Server (AWS)   **from May 2021 to April 2023**

Description: Netflix VFX project

Roles &Responsibilities:

- Migrating the Deadline Render Servers (Rocky GUI) from onprimise Xencitrix to AWS availability region.
- Integrate Terraform and Ansible for creating AWS thinkbox Deadline servers and install all applications, patches.
- Version control system tasks such as branching, merging, cherry pick changes for Scripts like Ansible YAML, terraform files and Shell script.
- Hands on Experience in both static and dynamic inventory files in Ansible configuration.
- Creating common users for Ansible using Shell script while creating Render instances in AWS.
- Manage and Integrate Sonarqube server and Nexus Artifactory server with Jenkins.
- Mounting S3 bucket and NFS storage using FSTAB permanent mount.
- Creating VPC, subnets, Route Table, NAT gateway in AWS using terraform.
- Monitoring Render Servers (AWS Cloudwatch to maintain server uptime, load and ensure availability of servers).
- Installing and configuring Apache web server for creating offline REPO servers in onprimise package installation.

❖ **System Engineer**
➢ Company: Frontier Business System Pvt Ltd
➢ Client   : Thoughtworks Technologies   **FRONTIER**
BUSINESS SYSTEMS PVT LTD

(**Dec 2017 – July 2019**)

Roles & Responsibilities:

- Join Centos to Windows Active Directory and mount NFS storage.
- LVM partition in Linux and Disk management of servers.
- Scheduling backup through Crontab, File permission to users through special permission sticky bits, SUID, SGID, and ACL.
- Archive files with the help of tar commands, reduce file size by compression like gzip, bzip, xzip.
- Taking time machine backup and restore in Mac, transfer data from migration assistant in mac laptops.
- Monitoring SOPHOS antivirus portal for alerts and sharing links for installing antivirus to end systems for both Mac and windows.
- Managing IDRAC and ILO for virtual configurations of servers.
- Managing Sonic Firewall by creating address objects, Access rules, and port service allowing for user groups.

❖ **Desktop Support Engineer**
➢ Company: Inspace Technologies Pvt Ltd
➢ Client   : Express Hyundai

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(**Sep 2016 – Dec 2017**)

Roles & Responsibilities:

- Installation of Operating Systems like Centos, Ubuntu & Windows 7, 8, 10, Server 2008, 2012
- Managing Active Directory users and sync the users mail ID in Netcore Webmail.
- Handled basic configurations in Sonicwall TZ300 firewall.
- Backup Tally data manually and auto schedule using Cobian Backup application.
- Managing both Network and standalone printers.
- Patches Updation in Windows 10, configuring virtual machines in Hyper-v, Virtual box.

Course Completion:

- Devops – (Splunk, Docker, Kubernetes, Nexus Artifactory, Maven)
- Red Hat 7 (RHEL and RHCSA)
- A+ and N+ HARDWARE NETWORKING

Educational Qualification:

- B.E [ARM College of Engineering & Technology, Chennai]   64%   2016
- H. Sc [C.S.I Rajagopal Higher Sec School Royapuram Chennai]   65.5%   2012
- SSLC [C.S.I Rajagopal Higher Sec School Royapuram, Chennai]   82.2%   2010

Declaration:

I hereby declare that the above particulars furnished by me are true to the best of my knowledge and belief

Place: Chennai   Saravanan R