

# 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 2019 – 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 onpremise 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 onpremise package installation.

#### **❖ System Engineer**

- Company: Frontier Business System Pvt Ltd
- Client : Thoughtworks Technologies



**( 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



**( 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:**

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

**Educational Qualification:**

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• 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:**

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