

SATHISH T
System Engineer

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Portfolio : <https://systemengineer.dev>

Professional Summary

- Around 4+ Years of extensive work experience in the IT industry on AWS, On-Prem server, and System Engineer, Build Release Engineering and DevOps implementations for different projects that involved different development teams and multiple simultaneous environment releases
- Worked extensively on Git. Managed GIT repositories for branching and merging the code
- Experienced with Docker container service. Worked on Dockerizing the Applications by creating Docker images from Docker files
- Experience in using Configuration Management tools like Ansible. Authored playbooks for Web Server deployment, API deployments and Server provisioning
- Worked with vagrant in spawning of virtual machines
- Worked on provisioning databases like Redis, Mysql , MongoDB, Cassandra. Also worked on clustering databases like MongoDB
- Worked on maintaining DNS names and configuring SSL certificates from DNS providers like GoDaddy and Route53.
- Experience with development, testing, debugging, implementation, and production support
- Good knowledge in scripting with Bash and Python
- Good experience in cloud services like EC2, VPC, S3, Auto scaling, EBS, IAM, Cloudfront, EFS, Route 53 and ELB, ECS, ACM, RDS
- Worked on Google Cloud VM's, Kubernetes clusters , GCP Storage buckets and VPC networks

- Worked with Terraform in spawning of cloud services like EC2, EKS
 - Configured and managed Fortigate Firewall, Switch controller and Routers
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Certificates:

1. Oracle Cloud Infrastructure 2021 - Certified Architect Associate
 2. Fortinet Network Security Expert Level 1 - Certified Associate
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Technical Skills

Tools : Kubernetes, Docker, Helm, Jenkins, Ansible, Shell, Prometheus, Grafana, Supervisor, Apache2, Git, Switches and Fortigate firewall

Cloud : Amazon Web Service, Google Cloud Platform, and Oracle Cloud Platform

Services : Computing services, Elastic beanstalk service, Storage services, NFS service, Security and Identity services, IAM, Networking services, Lambda service, Management Tools, Kubernetes, and Deployment services

Vulnerability

Assessments : Nmap, Nessus Scanner, SonarQube and Snyk

Programming

Languages : Python, Java(Spring Boot), Shell Scripting

Networking : Aruba Switch, Router, Rack servers and Fortigate Firewall

Experience

System Engineer | CONTUS Support Interactive (P) Ltd. Chennai ||
2021-03 – Current

- ✓ Setting up databases for Production and UAT environments
- ✓ Deploying API services and establish connections with databases

- ✓ Migrated all the S3 content from one AWS account to another account
- ✓ Responsible for Continuous Integration (CI) and Continuous Delivery (CD) process implementation
- ✓ Created new accounts for Users, Groups and added users to different groups through IAM
- ✓ Build servers using AWS: worked on cloud services like EC2, VPC, S3, Auto scaling, EBS, IAM, Cloudfront , Route 53 and ELB, ECS, EKS
- ✓ Configuring and managing security groups and VPC
- ✓ Configuring and managing EKS cluster
- ✓ Configuring and managing RDS databases
- ✓ Nmap, Nessus Scanner, SonarQube and Snyk configure and Vulnerability assessments
- ✓ Implemented, installed, configured, and troubleshooted Windows and Linux servers.
- ✓ Administered Linux servers, networks, domains, roles, and services.
- ✓ Configured Apache and Nginx web servers, Supervisor, and Grafana Monitoring services.
- ✓ Created and fully configured Ubuntu and CentOS virtual machines using VMWare and Hyper-V
- ✓ Managed Jenkins, SSL configurations, server logs, and health monitoring
- ✓ Resolved DHCP and DNS problems, server configuration issues, and wrote scripts for smooth server functioning.
- ✓ Configured firewall rules and managed network security.

- ✓ Create and maintain fully automated CI/CD pipelines for code build and deployment using Bitbucket
 - ✓ Actively manage, improve and monitoring on AWS. Like EC2, Lambda, S3, Load balancing, Secrets Manager, NFS and RDS, including backups, patches and scaling
 - ✓ Configured Apache and Nginx web servers, Supervisor, Grafana Monitor services
 - ✓ Built and deployed Docker containers into Web servers, improving developer workflow, increasing scalability and optimizing speed
 - ✓ Managed Bitbucket repositories and permissions, including branching and tagging
 - ✓ Configured Redmine Docker image customized and installed needed Plugins
 - ✓ Completed entire office networking (LAN, WAN) setup and Network administrations
 - ✓ Installing, Maintaining and administering computer networks and related computer environments
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Education

Master of Computer Application 2015 - 2017 - Mark: 62%
Dr.G.R.Damodaran College of Science, Coimbatore – TN

Bachelor of Computer Application 2012 – 2015 - Mark: 58%
Dr.G.R.Damodaran College of Science, Coimbatore – TN
