

**Objective:-**

To seek a position as a software Engineer in your esteem organization with challenging & quality environment, with a responsible position that would provide opportunity for organizational growth

**Profile Summary:-**

Having Around 5+ years of experience in the IT industry, hands on experience with **Apache, Tomcat, Linux, AWS, DevOps ,Shell Scripting and Knowledge on Azure Cloud.**

- Work closely with development teams to integrate their projects into the Dev, Pre-Prod and Production AWS environment and ensure their ongoing support once there.
- Gain a deep application-level knowledge of the Systems as well as contributing to their over all design.
- Being a Infrastructure Admin/Cloud Admin/Devop Admin/Tomcat Admin - work closely with other internal teams to build security, reliability, and scalability into the development lifecycle.
- Dive deep into the software stack to troubleshoot as needed.
- Build engineering automation and productivity tools to streamline and scale applications in the production environment.
- Troubleshoot and resolve issues related to application deployment and operations on Dev,UAT,QA,Pre-Prod and Prod Environments.
- Build from the ground up reliable infrastructure services in AWS to deliver highly scalable services.
- Familiarity with build & release automation tools and methodologies like Ant ,Maven ,Jenkins deployment tools
- As a AWS support Engineer support all the activities related to AWS cloud, starting from VM Creation, adding storage, adding network, troubleshooting technical issues.
- Involved migration of Projects from On-Premises to Cloud Environment and built LAMP/WAMP environment with php frameworks like Drupal ,Wordpress and Typo3.
- Integrated LAMP/WAMP setup to connect with RDS databases and tuned parameters to support without interruption in support.
- Created automated script and configured as a jobs at cron level and schedulers at Jenkins to make environment as a automation setup.
- Built Apache Tomcat environment setup on On-Premesis and Cloud environment and connected with multiple aws services(RDS, CloudWatch).
- Creating and executing jobs by using CI tool Jenkins for building war,jar files and auto deployment on weblogic, tomcat and Jboss environments.

- Performing troubleshooting steps during build failure, deployment failures and all kind of issues related to CI tool.
- Configured ansible playbooks to make environment with configuration management tools to install Apache, Tomcat and other infrastructure softwares.
- Writing Automation Scripts to avoid manual / human efforts and errors.
- Having good knowledge on monitoring tools Nagios, CloudWatch and Splunk, Site24/7..

**Technical Skills:-**

Apache, Tomcat, Linux, AWS, DevOps, Shell Scripting, Jenkins, Ansible , Chef , Git, Github, Ant, Maven, CloudWatch, Nagios, Yaml, Json, MySql.

**Professional Experience:-**

**IT Infrastructure Engineer** at **Compassites Software Solutions**, Bangalore from Apr 2018 to Till date.

**Cloud Ops Engineer** at **TechMahindra**, Bangalore from Nov 2013 to Apr 2018.

**Educational Qualification :-**

**MBA** – Jawaharlal Nehru Technological University, Anantapur.

**B.Sc Comp** - Sri Venkateswara University, Tirupathi.,

**PROJECTS:**

Details : **Limeyard**

**Role** : IT Infrastructure Engineer .

**Description:-** LIMEYARD is a proprietary and non-proprietary benchmark provider, delivering rule-based, compliant traditional and smart-beta investable solutions to institutions on the sell and buy sides.

LIMEYARD focuses on both, customized indexing and its own LIMEYARD index family. Besides this core offering, LIMEYARD covers a fully fledged indexing service and specific solutions such as in-sourcing the calculation of full third-party's index families or their benchmark administration.

LIMEYARD's own index system strategy is built based on existing interfaces supporting flexible integration of external plug-ins. This allows for simple enhancement of the index system with new functionalities and ensures a high level of scalability.

**Roles and Responsibilities:-**

- Support and Maintain all AWS Infrastructure support Activities.
- As a AWS support Engineer support all the activities related to AWS cloud, starting from VM Creation, adding storage, adding network, troubleshooting technical issues.
- Troubleshoot and resolve issues related to application deployment and operations on Dev,UAT,Pre-Prod and Prod Environments.
- Monitoring and Managing SWAP, CPU Utilization, Disk Utilization, Memory Utilization through Site 24X7 and CloudWatch Monitoring tools.
- Daily basis Generating health check reports for all instances .
- Creating and executing jobs by using CI tool Jenkins for buiding war,jar files and auto deployment on tomcat environments.
- Implementing Automation CI/CD Process for All Dev,UAT,Pre-Prod,Prod Environments.
- Implementing continuous Delivery and Deployment process through Jenkins and AWS Codedeploy.
- Monitoring All Instances AMI's ,Snapshots and RDS Snapshots Backup.
- Maintain Estimated AWS Cost Optimization.
- Implemented lifceCycle policy for all S3 buckets.
- Creating a new users and Configurations on Site 24X7.
- Maintaing CMDB/issues/requests reports.

Details : **O2 Telephonica**

**Role** : Cloud Ops Engineer.

**Description:-** Telefonica UK Limited is a Telecommunications Services provider in the United Kingdom, owned by the Spanish multinational Telefonica, and is headquartered in Slough. Over all 25.3 million subscribers. O2 is the second-largest mobile network operator in the United Kingdom after EE, with Vodafone in third place.

**Roles and Responsibilities:-**

- Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux/ Ubuntu) and Configuring launched instances with respect to specific applications

- Defined AWS Security Groups which acted as virtual firewalls that controlled the traffic allowed reaching one or more AWS EC2 instances.
- Working on Multiple AWS instances, set the security groups, Elastic Load Balancer and AMIs, Auto scaling to design cost effective, fault tolerant and highly available systems.
- Configuring and Networking of Virtual Private Cloud (VPC).
- Created Cloud Formation templates and deployed AWS resources using it.
- Creating S3 buckets and also managing policies for S3 buckets and Utilized S3 bucket and Glacier for storage and backup on AWS.
- Used EC2, load balancing, auto scaling services
- Implemented AWS EC2, IAM, S3, EBS, Elastic Load balancer (ELB), Auto scaling groups' services.
- Created alarms and notifications for EC2 instances using Cloud Watch.
- Installed and configured Nagios monitor tool performance on all nodes
- Creating CloudWatch alerts for instances and using them in Auto-scaling launch configurations.
- Creating an AWS RDS MySQL DB cluster and connected to the database through an Amazon RDS MySQL DB Instance using the Amazon RDS Console.
- Hands-on in writing the Docker files for building images.
- Containerizing applications with Docker
- Responsible for managing the Docker private registry.
- Participate in building the DevOps Platform with DevOps tools and high end scripting languages like Ansible, Chef.
- Developing build and deployment pipelines using Jenkins, Maven, ANT for Java applications.
- Excellent skills in applying Continuous Integration, Continuous Deployment and Continuous Delivery processes & tools [ Example: Jenkins, Apache Tomcat, MySQL, Shell Scripting etc.]
- Configuration management software like Ansible. Performed infra automation tasks using Ansible.
- Manage the configurations of multiple servers using Ansible.
- Integrated the chef cookbooks with Jenkins.
- Creating LAMP and Drupal .
- Responsible for creating and developing the build process environment
- Set up and maintained Development, QA, Pre-Production, and Production environments
- Installation, Configuration and Maintenance of Tomcat Application Server.
- Installation, Configuration and Maintenance of Apache Web server.
- Having experience in integration of Tomcat Application Server with Apache HTTP Server.
- Created SSL Certificates for secured communication between applications sign key tool.

- Deployed applications on multiple TOMCAT Instances and maintained Load balancing, High Availability and Fail over functionality.
- Monitoring and Managing SWAP, CPU Utilization, Disk Utilization, Memory Utilization.
- Installed and maintained the GIT repositories.
- Automation of Jobs through Crontab.
- Installing/updating of software packages using YUM and RPM. Experience in Using YUM Repository
- Troubleshooting Apache Tomcat and MySQL.

**Place: Bangalore**

**Date:**

**Sreedhar.K**