TekPhor

Work Profile

Name: - Shreekanth E
B. Tech

Skillsets / Expertise

a. Total Work Experience (Yrs)   :   ~5.5

b. Technical Skills

Platforms	Linux, Ubuntu
Cloud / Virtualization	AWS (EC2, ELB, Route53, S3, RDS, IAM).
Languages	Shell scripting
Configuration Management	Ansible
Source Code Management	GIT
Continuous Integration	Jenkins
Build tools	
Web and Application Servers	Apache2, Nginx
Databases	MySQL, RDS, Mongo DB, PostgreSQL
Containerization	Docker, Kubernetes
Monitoring tools	
Others	GIT, Terraform, kubernetes, Jenkins, Ubuntu, Ansible

c. Professional Experience

    i.   Sysadmin

    ii.   AWS Cloud

    iii.   DevOps

    iv.   Monitoring

    v.   An astute and skilled IT professional with around 5 years of experience in System Administration focusing on installation, configuration, and Linux Operating System administration

    vi.   Linux Administration; expertise in working with AWS-provided Solutions like EC2/ELB includes creating EC2 instances, monitoring EC2 instance metrics like CPU Utilization

    vii.   Familiarity with Auto-Scaling, S3,, Route53, CloudWatch, IAM, , VPC, API Gateway etc. Deft in designing/deploying highly scalable infrastructure using ELB and AutoScaling services.

    viii.   Familiar with AWS Networking like VPC, Subnets, Route tables, NAT, IGW, VPN, and VPC Peering

![TekPhor logo]

ix.   Knowledge of DevOps; best practices for development, agile, defect management, code management, CI/CD, and formal quality practices

Work Experience

1. **Project: -   Lyra Infosystems / Wifi Networks**

    My responsibilities in the project include: -

    1. User Administration on servers, configuring user profiles, troubleshooting and resolve user related tickets
    2. Administering day-to-day activities and leading system administration and IT/network team
    3. Performing day-to-day activities like maintaining EC2 services including launching instances, attaching/increasing volumes, configuring security group, and monitoring EC2 instance metrics like CPU Utilization
    4. Installation and configuration of various sip/ss7 technologies like asterisk,freeswitch
    5. Configuration and Administration of Fortinet Firewalls
    6. Involved in a wide range of activities such as configuring Icinga2/Nagios servers, performing remote system administration through
    7. SSH, automation of jobs using Cron & AT, adding/modifying Firewall service rules, and handling permissions in AWS using IAM for the users
    8. Implementation of Client infrastructure setup for Monitoring with Icinga on client request.
    9. Support client tickets on **Icinga** level3 issues
    10. Training L1 team on Icinga monitoring system
    11. Managing network servers, setting up accounts/workstations, troubleshooting issues, ensuring security throughout backups, access controls, and firewalls, and upgrading system with new models as well as releases
    12. Assuring a secure zone for the organization in AWS public cloud by using security groups, network ACL's, internet gateways, and route tables
    13. Performing server security maintenance, daily backups, restoration of data for unplanned outages or other OS/Application-level issues
    14. Creating user accounts, configuring user profiles, implementing group policies and managed share permissions
    15. Configuring and maintaining the routing table, internet gateway within the VPC
    16. Creating subnet in the VPC, launching Virtual Private Cloud (VPC), EC2 instance, and RDS database instances

Business Add: - Level 13, REGUS, Platinum Techno Park, Sec-30A, Oppo. Vash Rly. Stn., VASHI, Navi Mumbai – 410 210, M.H, India. Ph: - +91 22 2774 3774.

Page **2** of **3**

17. Monitoring and alerting of production or corporate servers/storage with Icinga2/Nagios Monitoring tool
18. Working closely on installation, configuration, and administration of Linux Operating Systems
19. Setting up and maintaining VPC peering with multiple AWS accounts
20. Performing installation/configuration of MySQL Database in Linux servers
21. Managing and maintaining backup for the applications and mails
22. Supporting on level 3 issues on Redhat HA cluster
23. Involved in day-to-day maintenance/monitoring of Linux servers and system administration
24. Installing and configuring OS and required applications
25. Overseeing the system performance and troubleshooting issues

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Page **3** of **3**