Sharukh Shaikh

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SKILL SETS

AWS: ec2, vpc, rds, elb, elastic beanstalk, lambda function, iam, organization, scp, s3, cloudfront, waf, cloudwatch, sns, ses, route53, etc.
CI/CD: jenkins, travis, etc.
IaC: cloudformation, terraform, etc.
Containerization and Orchestration Tool: docker, kubernetes, helm, etc.
Configuration Management Tool: Ansible
Other Tools: hashicorp packer, mysql, apache, tomcat, nginx, squid proxy, elasticsearch, kibana, etc.
OS: redhat, centos, ubuntu, amazon linux, windows, etc.
Version Control: github, bitbucket, gitlab, etc.
Scripting: bash, python, etc.
Database: mysql etc.
Compliance Standard: PCI DSS, SOC2, VAPT, etc.

(Roles & Responsibilities):-

Docker and Kubernetes:
Having a solid understanding of **Docker** and **Kubernetes** ecosystem.
Configure custom managed Kubernetes cluster using **kubeadm**.
Manage and build required Docker images using **DOCKERFILE** for applications.
Running and managing critical applications on kubernetes such as hadoop, elasticsearch, airflow, etc.
Deploy application in a dynamic environment by creating **ConfigMap** in k8s.
Manage and deploy applications on Kubernetes workers using the **Helm** chart.
Managing **Ingress** application on Kubernetes.
Running monitoring applications such as wazuh, EFK**, Prometheus** on Kubernetes.

AWS Cloud:
Good knowledge on architect design and solutions.
Ability to create different resources on AWS Cloud.
Automation of infrastructure resources using **Lambda** Function (Boto3).
Manage security using **IAM** users, groups, roles, custom policy, etc.
Manage websites static and dynamic using an offered set of services such as EC2, **S3**, **CloudFront**, **Route53,** etc.
Manage HA environments using ELB, **AutoScaling**, etc.
Design and Deploy resources in a highly secure, available environment using **VPC**.
Manage databases using **RDS**.
Vulnerability scanning using AWS **Inspector**.
Creation of configuration of **SNS, SES** and **SQS** application services.
Good knowledge of AWS **CLI** to install and configure the required service of AWS.
Monitoring AWS infrastructure and Configuring Alarms, Metric and Dashboard using **CloudWatch**.
Configure and manage **backup** for EC2, EBS, RDS, EFS, etc.
Configuring different versions of products with constraints using **Service Catalog.**
Creation and configuration of **WAF** (Web Application Firewall) services.

Ansible and Chef:

Installation and Configuration of Configuration Management Tool (Ansible).
Wrote and Implemented playbooks on servers such as **RHEL-CIS**, **AWX**, etc.
Managing Variables and Facts.
Implementation and Creation of Jinja2 Templates and Roles.
Troubleshooting playbooks and Ansible Managed hosts.
Configure and manage **Linux** and **Windows** servers.
Good knowledge on **Chef** Solo.

CloudFormation and Terraform:

Wrote infrastructure code for different resources using **CloudFormation**.
Provision resources using CloudFormation Stack and Stacksets.
Wrote infrastructure code for different resources using **Terraform**.
Provision resources using Terraform templates.

Jenkins and Travis:

Created pipelines to deploy applications in qa, uat, production, etc. environment.Configure and manage HA Jenkins server.
Integration of Jenkins with git-based repository.
Managed and built complex jobs.
Configured and managed different **pipelines** e.g. Golden AMI, Docker, Kubernetes, in-house application pipeline etc.
Configured infrastructure by integrating Jenkins with Terraform, Ansible, CloudFormation, Lambda, etc.

Storage and Networking:

Having knowledge on VPN, routing, switching, load balancing, security, etc.
Assigning and scanning LUN between SAN and servers.
Scheduling the Yearly, Monthly, Weekly backup.
Built a VPN connection between AWS and Azure.

OS (Linux):

Configuration and maintenance of **NFS**, DB, **DNS**, Samba, Proxy (Squid) and yum server.
Configuration of application server running on **Apache** and **Tomcat**.
Scheduled task using **CRON** jobs.
Managed file system using **LVM**, VG and PV, etc.
Maintained upgradation and patching of servers.
NIC Bonding configuration and troubleshooting on network related issues.
Security implementation and Hardening of new servers.
Process management, CPU and Memory management.

Scripting:

Wrote several shell scripts and configured the system accordingly.
Wrote several python scripts for Lambda function and implemented them.
Whenever I have repetitive tasks then I create a shell script to automate those tasks.

EDUCATION

B.C.A. from Tilak Maharashtra Vidyapeeth.
Intermediate from Mumbai.
Matriculation from Mumbai.

PROFESSIONAL EXPERIENCE

Company   :   **STB InfoSystem Pvt Ltd**
Designation   :   **DevOps Engineer**
Duration   :   **Jan 2019 to April 2021**
Environment   :   **Linux, AWS, Docker, Ansible, Terraform, Nginx, Aws Redshift etc**

PERSONAL DETAILS:

Father's name   : **Mohd Shakil**
Passport   : Valid Passport
Languages Known   : English, Hindi
Nationality   : Indian

DECLARATION: I hereby declare that the details furnished above are true to the best of my knowledge.