

MOHIT SHINDE

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SUMMARY

System Engineer with 3 years of experience in building web SaaS solutions on a Linux platform. Skilled in infrastructure migration, DevOps, and system automation. Experienced with AWS services, Terraform, EKS, Docker, Jenkins for CI/CD, CloudWatch, EC2, RDS, IAM, API Gateway, and AWS security best practices. Skilled in Python and Shell scripting.

PROFESSIONAL EXPERIENCE

System Engineer

Nityo Infotech

📅 2022 - Present

- Developed and maintained scripts for system automation, reducing manual intervention and increasing system efficiency.
- Reduced application downtime {by 30%} by managing incidents and performing root cause analysis.
- Implement and maintain continuous integration and continuous delivery systems.
- Successfully installed and configured Nginx and Apache Servers, enhancing web service availability.
- Enhanced virtualized server environments by setting up and maintaining alerts, covering {100+} VMs.
- Diagnose and troubleshooting issues related to networking, systems and production software.
- Managed storage on {20+ servers} using fdisk and LVM to ensure optimal performance.
- Facilitated the deployment of new software applications, improving internal workflow processes.
- Monitor the performance of modernized systems and processes, making necessary adjustments and improvements as needed.
- Collaborate with various departments and teams to gather requirements, obtain buy-in, and foster a culture of continuous improvement.
- Improved threat detection by {60%} by monitoring and analyzing {1000+} security logs monthly.

System Field Engineer

Datacom Products pvt.ltd

📅 2021 - 2022

- Monitoring servers for hardware errors like hard disk, RAM, CPU failures/warnings and notifying appropriate service providers.
- Execute the maintenance window changes for multiple locations, performing troubleshooting of routing and switching issue.
- Conduct thorough assessments of current systems, processes, and technologies to identify areas that require modernization.
- Designed, constructed and maintained complex electronic security systems.
- Diagnose and troubleshoot issues related to IT networks, systems, and production software and create a knowledge base to prevent reoccurrence.
- Identified system data, hardware, or software components required to meet user needs.

SKILLS

DevOps :- Git, Jenkins, Ansible, Terraform, Docker, Kubernetes

Linux:- Ubuntu, CentOS, Redhat

Web Servers:- Nginx,Apache

Cloud Services:- EC2, EBS, S3, RDS, VPC, Route53, ELB, CloudFormation

Networking Protocols

IBM WAS

Scripting:- Shell, Python

Monitoring Tools:- Nagios, Prometheus and Grafana

Platforms:- AWS, Azure

PROJECTS

Deployment of a Three-Tier Application on AWS-EKS (Managed Kubernetes Service)

- Set up a AWS EKS for running the Kubernetes Cluster.
- Containerize the components using docker. Configure Kubernetes Deployments and services for each component.
- Implement the AWS ELB for load balancing the application traffic. Integrate a domain with the AWS ALB for public accessibility.

GitHub CI/CD Pipeline for Django web application using AWS Docker with multi cloud support (AWS/ Azure).

- Set up a GitHub repository for the Django application.
- Configure a GitHub CI/CD pipeline to automate the build, test and deployment process. Containerized the application using docker.
- Deploy the docker container to an EC2 instance automatically through the CI/CD Pipeline.

Shell Script for User Management and Backup in Linux

- This involves creating a shell script that automates user management tasks and backup.
- The goal is to enable efficient management of user accounts and secure backup of specified directories.

EDUCATION

Bachelor's of Engineering (B.E.)

University of Mumbai