Sibi Jose

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SITE RELIABILITY ENGINEER
-DEVOPS

Details

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Links

[LinkedIn](#)
[GitHub](#)

Skills

Cloud AWS: VPC, EC2, EBS,
S3, EFS, IAM, AMI, CLB,
ALB, NLB, RDS, ASG, Route53,
ACM, CloudWatch, Cloudfront,
SNS, NACL,Security Groups,ECS
Configuration Management:
Ansible (Playbook, Role)
Infrastructure as a Code:Terraform
Containerization: Docker
(File,compose,Swarm)
Source Code Management:Git,
GitLab
Scripting: Bash, Python
Orchestration: Docker
Swarm,Kubernetes
Image Building: Packer

Profile

A professional with more than 5 years of experience in Linux systems, IT infrastructure management, Cloud Computing, Automation, Containerization, and DevOps tools.

Employment History

Site Reliability Engineer - DevOps at VI Point Solutions Pvt Ltd, Cochin.

MAY 2021 – MAY 2023

- Working Experience in AWS Cloud infrastructure and Services"EC2, VPC, ELB, EFS, S3, AMI, ASG, ACM, IAM, RDS, CloudWatch, Route53, CloudFront, ECS".
- Experience in AWS Infrastructure deployment using terraform.
- Instituted Ansible configuration management and automation.
- Build and deployed Docker containers as per the requirement.
- Continuous monitoring (Grafana, CloudWatch, Nagios,).
- Orchestrated Docker container cluster using Docker Swarm, Kubernetes.
- Source code management Git, GitLab

Software Engineer at Poornam Info Vision Pvt Ltd, Kakkanad , Cochin.

APRIL 2019 – MAY 2021

- Managing and troubleshooting Linux-based servers(CentOS, AWS-AMI, Ubuntu, Debian, CloudLinux, and AlmaLinux).
- Monitoring alerts, service uptime, and actively taking necessary actions to maintain availability.
- Create/Manage/Troubleshoot server script in Bash and Python.
- Maintain database including MySQL,MariaDB and Postgresql.
- Managing Apache,Nginx service and DDoS protection
- Email service configuration, troubleshooting, and spam protection in Exim, Postfix,and Qmail.
- Domain DNS,SSL and CDN management -Cloudfront and CloudFlare
- Domain,server migration and FTP/SFTP management.

Systems Administrator at Admin-Ahead Server Technologies, Cochin.

MAY 2017 – AUGUST 2018

- Administration, Troubleshooting and Maintenance of Linux servers.
- User / group administration ,Server monitoring
- Analyze and resolve client issues based on SLA
- Handling technical support issues via ticketing system & live chat to ensure proper implementation and up-gradation of software
- Experience in iptable, CSF.
- Backup and restoration.
- Acronis Backup management
- Monitoring tools- Nagios, Icinga
- Migration and server hardening.

- Mail server configuration

- Managing hosting control panel like Cpanel/WHM, Plesk.

- Software Management and manage packages.

- File systems and Logs

- Troubleshoot, upgraded and administered various vendor systems.

- Troubleshoot software malfunctions.

- Maintained system and applications and provided support to end users.

- Evaluate client's needs and make recommendations for upgrades.

Education

Bachelor of Engineering. Shridevi Institute of Engineering and Technology- Tumkur, Karnataka | 2015., Bengaluru.

- Secured 66% in Bachelor of Engineering | Computer Science, from Shridevi Institute of Engineering and Technology- Tumkur, Karnataka | 2015.

- Secured 82% marks in Plus Two, from Government higher secondary school Kadumeenchira | 2011.

- Secured 86% marks in SSLC, Government higher secondary school Kadumeenchira | 2009.

Personal Projects

- Terraform VPC module which creates dynamic subnets (Private and Public subnets) on a new VPC, with Network ACL, Route Table and its association.

- Continous building and deployment of docker container AWS using jenkins, Ansible and GitLab.

- PHP application with NGINX, PHP-FPM and MySQL using Docker Compose.

- Continuous building and deployment of NodeJS APP using Jenkins pipeline.

- Led the successful deployment of a Magento e-commerce platform on an on-prem server infrastructure. Implemented containerization with Docker for Elasticsearch, Redis, and Varnish, enhancing performance and scalability. Leveraged Ansible for automated configuration management, ensuring consistent and reliable deployment across multiple environments.

- Implemented a secure static website hosting solution using AWS S3, Cloud Front, and Terraform. Created a private S3 bucket to store the website's static content, ensuring enhanced data privacy. Leveraged CloudFront as a content delivery network (CDN) to provide low-latency access to users worldwide

Technologies Used

Linux, AWS, Git and Gitlab, Docker, Docker Swarm, Python, Bash, Packer Terraform, Ansible, Jenkins, Elastic Search, Redis, Varnish, Grafana, Nagios, Icinga