YUVARAJ YADAV

DevOps Engineer

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CAREER OBJECTIVE

I aspire to work in an organisation where I can contribute my acquired education and skills and get an opportunity for continuous learning in the Information Technology world.

WORK EXPERIENCE

DevOps Engineer

Systech Services Pvt. Ltd.

📅 November 2019 – Present   📍 Bengaluru, India

- **Role:** working with developers to facilitate better coordination among operations, development, and testing functions by automating and streamlining the integration and deployment processes.
- Implemented a complete private cloud using Opennebula. Setup the compute, networking and storage components for it.
- Setting up a CI/CD infrastructure using jenkins for automating the application build process and fine-tuning it for performance benfits.
- Implementing a logging cluster for application logs in a centralized location using the Elastic Stack [Kibana & Elasticsearch & Logstsash and Filebeats.]
- Writing firewall[UFW] script with the help of Ansible and running that script in all production servers to manage and secure them centrally.
- Monitoring the entire infrastructure with the help of network monitoring tools like Zabbix.
- Configuring HA-Proxy failover for a load balancer application with the help of pacemaker and corosync.
- Worked on Amazon Web Services EC2,LoadBalancer,VPC, S3, Code Deploy,CloudFormation and IAMSecurity.
- Have experience with infrastructure-as-code Tools like Terraform.
- Have experience with container-based deployments using Docker and Kubernetes.
- Have experience with Configuration Management Tools like Ansible.
- Have experience with SCM tools like GitHub for branching, tagging and version management.

DevOps Engineer Trainee

BridgeLabz Solutions LLP

📅 Feb 2019 – November 2019   📍 Mumbai,India

- Single handedly developed a simple chat application using Python Django framework and deployed it on AWS Cloud.
- Created the entire architecture using AWS CloudFormation Stack.
- Setup Continuous Integration platform using Jenkins and AWS CodeDeploy by hooking into GitHub for live updates.
- Experienced in creating development environment using Docker containerisation.
- Experienced in deploying django web-application on multiple Kubernetes container orchestration tool nodes and its management.
- Have also done Elasticsearch, Logstash, Kibana, filebeats administration along with Apache Kafka and MongoDB configuration for log monitoring of chat application.

ACHIEVEMENTS

- Passionate about sports having won a Badminton tournament at district level.

SKILLS

Operating Systems: UbuntuOS CentOS

Languages: Core Java Python Shell Scripting HTML

Git Jenkins Ansible Terraform

Docker Kubernetes Apache Kafka

Elasticsearch Logstash Kibana Wazuh Filebeats

MySQL MongoDB Redis

Apache Guacamole Zabbix Nginx HA-Proxy ProxySQL TCP/IP

CLOUD PLATFORMS

- **AWS Cloud**
- **Azure Cloud**
- **Hetzner Cloud**

AWS MODULES

- **AmazonEC2, S3 bucket,RDS databases, VPC Networking, SQS,CodeDeploy, AWS AutoScaling, CloudFormation, IAM Security, ECR,Route53, LoadBalancer and SNS.**

AZURE MODULES

- **Virtual Machines, VirtualNetworks, SQLDatabases, VM Scale sets, ARM Templates, AzureActiveDirectory, ContainerRegistry, LoadBalancers, AzureDevOps and AzureDNS.**

EDUCATION

B.Tech (Electronics and Communication Engineering)

Pydah College Of Engineering & Technology

📅 2014 - 2018   📍 Visakhapatnam,India