

SATYENDRA (Sr. Devops and Cloud Engineering)

4.5 Years of Experience in Devops and Cloud Engineering

B-Tech - 2018

Skills

- PROGRAMMING LANGUAGE **Python**
- DEVOPS **Git, GitHub, Docker, Kubernetes, New Relic, ELK, Terraform**
- CLOUD **Azure, AWS**
- AUTOMATION TOOL **Ansible, Jenkins**
- LINUX **RedHat 8, Centos 7, Ubuntu**

ROLE: Senior DevOps and Cloud Engineer (March 2021 - PRESENT)

Details:

- Responsible for single handedly managing the complete infra and day to day needs of a Fast-Growing Startup.
- Designed and implemented the infrastructure to handle Millions of Daily Requests. Started the project from a limited user base.
- Implemented and managed multiple services on Azure Cloud such as (VMs, Vnet, Azure AD, Storage Account, Databases, Monitoring, Front Door and CDN, Azure Devops, Azure DNS, Azure LB, Azure AG, NSG, etc.)
- Implemented and managed multiple services on AWS Cloud such as (EC2, S3, ELB, VPC, RDS, Cloud Watch, Lambda, etc.)
- Detailed monitoring and Analysis using ELK, New Relic and CloudWatch to help developers and Clients to identify and fix issues.
- Implemented RDS proxy to reduce the number of database connections to improve application availability and performance.
- Implemented HAProxy to balance traffic on database side for Higher availability of application and Created HAProxy Stats page to monitor health of servers, current request rates, response time etc.
- Implemented Elastic Stack (ELK) for searching, analyzing and visualizing data in any format, at any scale and Implemented Alerts using Elastalert on ELK.
- Implemented Alert using lambda function if any RDS Error logs or Slow query logs get generated.
- Implemented instance scheduler by invoking Lambda function through CloudWatch events to reduce the cost.
- Implemented the OpenVPN to enhance the security and ensure that Infrastructure should have limited access to authorized users Only.
- Configured Jenkins job for Build and Deployment on Development Environment (CI-CD) and testing jobs.
- Expertise in writing Grok Filters for Logstash and Building Dashboards.
- Troubleshooting and debugging.

ROLE: DevOps and Integration Engineer (MAY 2018 – March 2021)

Projects:

- Worked on command line utilities, permissions, Cron Job, Virtualization, upgradation of OS.
- Performance and logs monitoring, load testing, of servers and taking snapshots and backups.
- Automate repetitive tasks based on excel using Python.
- Implementing and Managing servers on AWS Cloud. Always trying to analyze and reduce the cost of the server in order to save the cost of the company.
- Setting up new Servers as per requirement like (SIT, UAT, Testing and Prod Environment)
- Managing Users and Continuous Integration Using Ansible
- Performance Analysis and findings as per the development release.
- Fixing System level performance issue related to system.
- Implementing and setting up infra using AWS Services such as EC2, RDS.
- Troubleshooting and debugging.

AWARDS AND ACHIEVEMENTS

- Earned **AWARD OF EXCELLENCE** for contribution towards RAN C&I delivery services in Ericsson.
- Earned **ACE AWARD** for exceeding customer expectations.
- Earned **Best Employee** Certificate in Pear System.