Gattu Saritha

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Professional SUMMARY

IT Professional with **4+ Years** of Experience in Aws Devops Engineer, Skilled at operating in a wide range of platforms like**Linux**, **AWS** and **DevOps**.

- Experienced as a DevOps engineer or similar software engineer role with **4+** years of experience
- Working knowledge on **docker**, **Kubernetes**, with **3+** years
- Working knowledge on **AWS** Cloud services with **2+** years
- Hands on knowledge on Linux, Helm charts with **3+** years
- Working knowledge on CICD (Jenkins, CICD,)
- Good knowledge on Ansible and Terraform Having knowledge on Aws cloud and Aws DevOps will be advantage
- Linux command line experience.
- Experienced in creating Docker images for applications from Docker files.
- Worked hands on in creating Docker containers and orchestration tools using Kubernetes services with AWS EKS and created Docker images for domain configurations.
- Expertise in working with **Terraform** key features such as Infrastructure as a code,Execution plans, Resource Graphs,change automation and extensively used Auto scaling launch configuration templates for launching amazon EC2 instances while deploying microservices.
- Excellent communication and interpersonal skills.
- Deploying airflow pods using kube operators and helm charts.
- Providing services to airflow application pods and also storage (PVC) from specific storage class.
- Experienced in AWS platform and the services offered like **EC2, S3, RDS, VPCs, Route Tables and Subnets, SNS, ELB, Auto Scaling**.
- Experienced in DevOps tools mainly **Git, Jenkins, Maven, Docker and Kubernetes**.
- Worked with Docker and Kubernetes in AWS – **EKS**
- Built and maintained **Docker** container clusters managed by **Kubernetes, Linux**, **Bash**, **Github** and **Docker**.
- Able to manage changing responsibilities and deliver time critical projects on schedule.
- Good knowledge in **Continuous Integration** and **Continuous Deployment** methodologies.
- Experience in administering Linux. Experience in **Installation, Configuration, Backup, Recovery, Maintenance, Support**.

- Strong ability to troubleshoot any issues generated while building, deploying and in production support. Excellent communication, team membership and relationship management skills.
- Experience in Installation and Configuration of **Apache web server**.

Qualification

M.sc from S.S.N P.G COLLEGE,ONGOLE,A.P.

Technical Details:

Configuration Management Tools :Ansible,Chef

CI/CD Tools   :Jenkins

Build Tools   :Maven

Containerization Tools   :Docker, Kubernetes,Eks

Version Control Tools   :GIT,GitHub

Monitoring Tools   :Nagios,Prometheus,Grafana

Scriptinng lanugages   :Bash/Shell,Groovy

Databases   :MYSQL

Application/Web Servers   :Apache Tomcat,NGINX

Web Services   :SOAP,REST

Operating Systems   :UNIX,Linux,Windows

Bug Tracking Tools   :JIRA

Professional Experience:

- Working as AWS and DevOps Engineer for Growth Hack Solutions Pvt Ltd (Hyd)**,**
 March 2019 to till date.

AWS/DevOps Engineer:

Responsibilities :

- Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux/ Ubuntu/RHEL) and Configuring launched instances with respect to specific applications.
- Performed S3 buckets creation, policies and also on the IAM role based polices and customizing the JSON template.

- Managed servers on the Amazon Web Services (AWS) platform instances using AnsibleConfiguration management.
- Creating CI/CD pipelines by integrating Git, GitHub, ant, maven, Ansible, and AWS .
- Experienced with Docker containerization and deployed applications over Docker Containers.
- Design and automate cloud environments at scale using Infrastructure as Code Tools.
- Design and develop fully automated software delivery pipelines.
- Understood configuration management with Ansible tool.
- Experienced with Docker Containers and Docker hub registry.
- Built images and shipped images to hub regisytry then deployed on production servers using Docker technology.
- Performed rolling updates when new source code version is released.
- Managed source code version tagging and prepared release notes accordingly
- While handover to service delivery teams.
- Wrote Jenkins pipeline code and automated Build and Deployments to Kubernete using Helm.
- Analyzed Jenkins Shared Libraries and integrated Shared Libraries in Jenkins Pipeline for Application Deployments.
- Wrote Custom Pipeline code for project specific built and deployed name spaces for Dev,QA environment.
- Prepared,built and deployed to non-prod environments,released notes to service
- Delivery team for production deployments
- Configured and set up database parameters while deploying into specific names spaces.
- Troubleshooted build issues and coordinated with Dev teams to fix issues.
- Defined automated process for deployments.
- Automated Instance configuration tasks using Ansible playbooks.
- Install, Configure, Administer Jenkins Continuous Integration Tool Proficient in using all Amazon Web Services including EC2, EBS, IAM, S3, ELB. Automated various infrastructure activities like Continuous Deployment, Application Server setup, Stack monitoring using Ansible playbooks and has Integrated Ansible with Jenkins.
- Monitored automated build and continuous software integration process to drive build/release failure resolution.

AWS Cloud Engineer:

Responsibilities:

- Managed multiple AWS accounts with multiple VPC's for both production and non-prod where primary objectives included automation, build out, integration and cost control
- Building customized Amazon Machine Images
- Supported development sprints by automating instance provisioning using Cloud Formation and code deployments using Chef, Jenkins and GitHub
- Assisted Cloud Operations team resolve support requests while providing RCA's and documentation for use onshore and offshore
- Linux System Administration supporting AMI builds, troubleshooting, shell scripting, backups and log file management
- Enterprise and Premium support for EC2 infrastructure
- Worked on AWS Cloud Watch, Cloud Formation and Cloud Trail services
- Worked closely with EC2 infrastructure teams to troubleshoot complex issues
- Managed and supported AWS Security related issues, such IAM and S3 policies for user access
- Support for all other AWS products such as S3, RDS, Elastic Load Balancing, Route53 (DNS)
- Monitoring tools like Nagios Monitoring Tool.
- Automated troubleshooting tasks by creating Shell scripts and AWS CLI tool
- Managed and supported AWS Security related issues, such IAM and S3 policies for user access
- Support for Customer accounts which are hosted on AWS.
- Assisted high profile Enterprise customers to resolve critical issues related to Windows and Linux EC2 instances

- Maintained Route 53, VPC, RDB, SES and SNS services in AWS cloud.Implemented continuous delivery pipeline involving Jenkins, Ansible to complete automation from commit to deployment.Troubleshoot all issues related to Linux Operating System and provide support for all DEV and QA environments.Troubleshoot all issues related to Linux Operating System and provide support for all DEV and QA environments.Configuring Mariadb database, creating users and providing access rights to various users
- Assisted customers with common connectivity issues by reviewing subnet, security group, ACL, routing, VPN, ELB, Auto Scaling, RDS.
- Day to day administration of the Development environment and Production and
- Test environment systems. 24x7 on-call support.

(Gattu Saritha)