

BABASANKARREDDY GOPIDI

AWS & DEVOPS ENGINEER

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AWS & DEVOPS ENGINEER

Professional Summary:

- Having 2 Years of IT experience as **AWS & DevOps engineer** in areas of **Software Configuration Management, Version Control, Build and Release management**, Cloud Integration using various automation tools the end-to-end **CI/CD deployment process**. Professional experience in Configuring and Deploying **cloud services on AWS cloud environment**.
- Extensive experience with broad range of AWS Services like EC2, Auto Scaling, VPC, Route 53, S3, RDS, IAM, Cloud Watch, EFS, Cloud Trail, Elastic Load Balancer.
- Created snapshots to take backups of the volumes and images to store launch configurations of the EC2 instance.
- Creating alarms in Cloud watch service for monitoring the server metrics, performance, CPU Utilization, disk usage.
- Experience in Linux, Windows operating systems.
- Apply advanced troubleshooting techniques to provide unique solutions to our customers' individual needs.
- Drive projects that improve support-related processes and our customers' technical support experience.
- Work within a global support team covering 24x7x365 cloud operations.
- Fixing issues as per the Service desk ticket assigned for task.
- Passionate about learning new tools and technologies.



EXPERIENCE

SOFTWARE ENGINEER | TECH MAHINDRA LTD

BH_ICS CloudOps L2 Support | IT Technical Analyst II

DECEMBER 2021 – TILL DATE

Responsibilities

- Maintaining EC2 services like launching instances, attaching volumes, configuring security group, monitoring EC2 instance metrics like CPU Utilization, disk read/write operation and network performance of the EC2 servers.
- Having good knowledge in Amazon EC2 technologies **IAM, RDS, EC2, S3, EBS, Auto scaling, VPC** monitoring and **Elastic load balancing**.
- Experience on **GIT**- Created branches, tagging, **creating repos** in **GitHub** and giving **collaboration** access permissions to the developers over branches.
- Worked and Troubleshoot Git Repositories on Production, Staging, Development and Local Server's. Log Analysis, Maintaining Documents of production server log's reports and server's list.
- **Troubleshoot** the Application related issues in **production & non-production** environments.
- Created snapshots to take backups of the volumes and also images to store launch configurations of the EC2 instance.
- Automating the infrastructure/ environment provisioning as using Terraform and Ansible Playbooks for another ancillary application that supports the primary application.
- Having good Knowledge in **Docker** and **Kubernetes**.

- Creating **Docker files, creating images, running containers, docker compose files** for high availability.
- Hands on Experience with Build Tool **Maven** to generate project **Artifacts**.
- Performance testing for complex systems, Build Release and environment planning, designing, implementation for projects across **different technologies**.
- Supporting scheduled builds using scripts and tools.
- Experience in **end-to-end building and deploying and configuring process and implementation from local QA environment to Production**. Created API as a front door application to access data or functionality from backend services running on EC2 and code running on Lambda or any web application.
- Deploy and monitor scalable infrastructure on AWS& configuration management using puppet.
- Managed and Administered Apache, Tomcat.
- Designed and worked with team to implement ELK (search, log stash and Kibana) Stack on AWS
- Managing PODS K8s and Docker containers.
- Automation using Terraform, Ansible & Cloud formation.
- Worked on editing the bucket policies and permissions, generating the billing preferences daily, Monthly, Weekly to S3 bucket.
- Deployed various applications through Docker containers & K8S.
- Taking care of deployments using Docker and Ansible.
- Installing and setting up **Kubernetes Cluster Using AWS EKS**. Created Manifest files in using Kubernetes objects like **POD, Replica set, Service and Node Port, Deployment** etc.



SKILLS

Operating System	Windows, Linux, CentOS, Ubuntu
Source control tools	GIT, GitHub
Build Tools	MAVEN
CI Tools	Jenkins & AWS DevOps
Cloud Technologies	AWS
Containerization tools	Docker, Kubernetes
Configuration tool	Ansible
Monitoring Tools	Nagios, Cloud Watch, Splunk
Web servers	Nginx, Apache 2
App servers	Apache Tomcat
Ticket Tools	Service Desk, ServiceNow



ACHIEVEMENTS / CONTRIBUTIONS

- Worked on all type of the tickets based on the SLA and provided solution as expected.
- Worked on the tasks as part of project requirement.
- Managing highly count of On-prem servers and maintain a timeline while resolving customer issues and providing fixes immediately.
- Provided short duration for resolution.
- Balancing the regular work and manage on Major issues without any impact to customer.