

DevOps Engineer

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Carrer Objective:

- I am looking forward to the opportunities to make valuable contribution to an organization, which will build on the skills and knowledge that I have developed and learnt over the past years.

Professional Summary:

- Having 3+ years of professional experience in IT industry.
- Have Good Experience in AWS Cloud environments Aws (Amazon web services):EC2, IAM, S3, ELB, CLOUD WATCH, SNS, CLOUD TRAIL, Lambda, Autoscaling.
- Configured & Provisioned AWS EC2 Cloud instances using AMI's like (Linux/Ubuntu) and configuring the servers for specified applications using Jenkins.
- Implemented multiple CI/CD pipelines as a part of DevOps role for on-premises and cloud-based software using Jenkins, Ansible, AWS, Azure DevOps, Docker and Kubernetes.
- Good experience writing Jenkins Pipeline Script for CI/CD process.
- Good experience in containerizing applications with Docker, Good work experience in CI/CD Pipeline work flow of Docker.
- Worked with EBS, storage service S3 and performed tasks like buckets creation, folder navigation and property changes and data migration activities.
- Implemented a CI/CD pipeline involving Git, Jenkins, Maven,Ansible, Docker, Sonarqube, Nexus and prometheus for complete automation.
- Implemented build automation solutions for products and provide ongoing support and administration for software build and build automation using Scripts, Jenkins and Shell.
- Managed GIT Hub Enterprise and Automated current build process with Jenkins with proposed Branching strategies to accommodate code in various testing cycles.
- Created AWS EC2 instances and deployed applications and delivered for QA teams to initiate performance testing.
- Experience with various AWS services like EC2, S3, Elastic cache, VPC, RDS, IAM, and Cloud Formation.
- Experience working with all AWS EC2 resources like Volumes, Key pairs, Placement Groups, Elastic IPs, Snapshot's, Load balancers and Security Groups.
- Defining EC2 Instance Security Groups, configuring Inbound / Outbound rules and tagging AWS EC2 resources.

- Creating Auto Scaling groups in AWS from Instance templates and Auto Provisioning based on the Project / Testing team needs.
- Experienced in Amazon EC2 setting up instances, virtual private cloud (VPCs), and security groups.
- Integrated Amazon Cloud Watch with Amazon EC2 instances for monitoring the log files, store them and track metrics
- Configured IAM services creating new IAM users & groups, defining roles and policies and Identity providers.

Work Experience:

- Presently Associated with Sun Icon Systems Pvt Ltd.Hyderabad – Sep 2018 till to date.
- **Client** : Wipro Technologies, Pune
- **ROLE** : DevOps Engineer.

Technical Skills:

- SCM Tools : Subversion, Git and Bitbucket.
- Operating Systems : Windows, UNIX and Linux,mac
- CI Tools : Jenkins
- Web & Application Servers : Apache Tomcat, Weblogic
- Scripting : Shell Scripting
- Build Tools : Maven
- Tools : WIN SCP, Putty
- Cloud : Amazon Web Services (AWS) Digital Ocean
- Containerization : Docker, Kubernetes.
- Miscellaneous : Grafana ,Cloudwatch
- DataBase : Mysql.
- Configuration Management : Ansible
- Ticketing : Jira

Roles and Responsibilities:

- Expertise in Amazon Web Services (AWS) environment and good knowledge of AWS services like Elastic Compute Cloud (EC2), Elastic Load-balancers, S3, Route53, Cloud Watch, Cloud Trail, IAM, SNS.
- Developed continuous delivery product release pipelines, using tools such as Jenkins and enable release and operations automation using Ansible.

- Worked on Docker-Compose to create Docker containers for Testing applications in the QA environment and automated the deployments, scaling and management of containerized applications.
- Experienced in working with Amazon EC2 for deploying the applications by grouping all the container instances, where Docker is used as a containerization tool for this.
- Initiating Amazon EC2 Cloud Instances using Amazon Web Services (Linux/Ubuntu) and managing and configuring launched instances with respect to specific applications.
- Used Docker, Kubernetes to manage micro services for development of continuous integration and continuous delivery.
- Working on GIT Hub to store the code and integrate it to ANSIBLE to deploy the playbooks and managing AWS servers and Docker containers.
- Expertise in doing EC2 Instance resize activity as per customer requirements (downgrade or upgrade).
- Patching activity has been taken care as per customer policies pushed by Microsoft.
- Installing (or) Uninstalling Software's as per client requirements and upgrading the software with latest versions.
- Configured Cloud watch alerts using Cloud Formation templets.
- Monitored and Worked on alerts send by SNS on various issues related to server availability, disk issues, CPU, Memory, etc.
- Taking monthly, weekly reports for alarms as per user requirements (CPU utilization, Disk space etc.)
- Preparing custom AMIs for implementing Auto Scaling.
- Managing S3 buckets and bucket policies.
- Creation of different types EBS volumes and taking snapshots.
- Taking regular snapshots for EBS volumes.
- Managing IAM accounts (with RSA Token) and IAM policies.
- Working with S3 to creating, storing the objects, and changing the permissions on buckets/objects and adding S3 buckets to EC2 instances.

Education Qualification:

- Graduated from **Vinayaka Mission University** Tamilnadu in the year 2018.

Place: Pune

(Rohith Bhogadi)

Date: