**Manish**

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**Professional Summary:**

Around 4.2years of experience as a DevOps / Cloud Engineer and Linux System Administrator with solid experience in compute, network, storage, automation, cloud and virtualization areas of IT.

* Hands on experience in AWS provisioning of AWS services like EC2, S3,EBS, AMI, VPC, ELB, RDS, Auto scaling groups, Cloud Formation.
* Good experience on Build and release process and extensive;y involved in the CICD using

Jenkins

* Experienced on configuration management tools like **Ansible**.
* Designing, implementing and supporting fully automated Jenkins **CI/CD** processes.
* Extensively worked on **Jenkins** for **continuous Integration** and for end to end Automation for all **Builds** and **Deployments**.
* Proficient with **Docker** based container deployments to create shelf environments for dev teams and containerization of environment delivery for releases.
* Experience working on Docker hub, creating Docker images and handling multiple images primarily for middleware installations and domain configuration.
* Good knowledge in version control system in **Git** and **GitHub**.
* Good experience in build tools **Maven.**
* Implemented CI/CD pipeline using Jenkins**, Ansible, Docker, Kubernetes** ,**YAML** and **Manifest** files.
* Configured the cloud Watch and cloud Alarm for the app if the app goes down and monitor the network traffic.
* Extensive experience in setup, configuration, maintenance, performance, monitoring and troubleshooting on Linux.
* Good experience working in Agile Methodology (scrum).
* Worked on Docker files.
* Share 24x7 on-call duties with the team including rotating on-call schedules for multiple environments including production and all environments.
* Experience of working for Data centers with 24X7 production and on-call environments.
* Monitoring of Physical and virtual infrastructure using Nagios.
* User management, creating and managing user accounts, groups and access levels.
* Ability to work with Linux friendly applications and able to troubleshoot it when issue arises from the server.

**Technical Competencies:**

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| Cloud Services: | Amazon Web Services |
| Web Server Administration: | Apache, Tomcat |
| Database Administration: | MySQL |
| Server and Service Monitoring: | Nagios premotheus&grafana |
| Configuration Management: | Ansible, |
| Shell Scripting: | Bash, Python |
| Continuous Integration: | Jenkins, |
| Source Control: | Git, Subversion |
| Build Tools: | Maven |
| Infrastructure code: | Terraform |
| Container Technology: | Docker kubernates |
| Project Management: | Jira |

**Education: Bachelors In Technology (BTech) Jawaharlal Nehru Technology University(JNTU Hyderabad)Hyderabad)**

**Work Experience:**

**Company : Savvy Technologies solutions**

**Project #1**

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**Client : Fannie Mae**

**Duration Involved :** May 2019 to till date

**Role :** DevOps Engineer

**Environment :** AWS(EC2,VPC, CloudFormation CloudWatch, S3), Linux, Ansible, Jenkins,

Git, Agile methodology, shell scripting, Maven, Docker.

**Key performance indicators:**

* Setup and build AWS infrastructure various resources, EC2, S3, EBS, Security Group, Auto Scaling, and RDS in Cloud Formation.
* Maintained the user accounts (IAM), RDS, Route 53, VPC,SES, SQS and SNS services in AWS cloud.
* Set up web server Tomcat ,apache on Jenkins.
* Configured Elastic Load Balancers with EC2 Autoscalling groups.
* Created and execution AWS CloudFormation templates by using YAML.
* Created monitors, alarms and notifications for EC2 hosts using Cloud Watch.  Involved and performed server configuration management tasks via Ansible.
* Installing, configuring and maintaining CI/CD automation build and deploy process using Jenkins.
* Implementing and configuring new Ansible roles and playbooks for new migration tasks.
* Administration of Git tool includes creating branches, tagging, access permissions and setting up hooks & locks.
* Implementing and configuring Maven and pipeline build jobs for new infrastructure requirements in Jenkins and triggering build jobs on schedule wise.
* Created and managed a Docker deployment pipeline for custom application images in the cloud using Jenkins.
* Worked on creating the Docker containers and Docker consoles for managing the application life cycle.
* Bulding/Maintaining docker container clusters managed by kubernetes Linux, bash, Git, docker on AWS.
* Utilized Kubernetes and docker for the runtime environment of the CI/CD system to build, test and deploy.
* Creating the automated build and deployment process for application, re-engineering setup for better user experience, and leading up to building a continuous integration system for all our products.
* Involved in the deploying the applications in QA, UAT and Production environments.

**Project #2**

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| **Client** | **:** **CitiBank** |
| **Duration Involved** | **:** November 2018 to April 2019. |

**Role :** DevOps Engineer

* Provisioning different environments like (Dev, QA, Staging, Production) for different requirements.
* Responsible for handling requests based on incidents and changes.
* Maintaining EC2 services like launching instances, configuring Security groups and monitoring cloud metrics of instances like CPU utilization, Disk utilization and network performance of the servers.
* Monitoring CPU and Disk utilization and handle them as per the alert received.
* Responsible for writing Ansible playbook for orchestration.
* Hands-on experience working with Git and Svn.
* Create and maintain automated CI/CD pipelines for code deployment by using Jenkins.
* Hnadling multiple builds in different environments and perform deployment activities.
* S3 bucket creation for different requirements like DB dump backup and cloudfront.
* Job Scheduling for regular, periodic, futures tasks by using Cron jobs.
* Linux user and group management and troubleshooting login related issues of the users.
* Perform Patching activity on Linux systems and update the existing packages using rpm and yum.
* Users Administration such as user account creation, deletion, key management, resolving access related issues etc.
* Creating CI/CD pipelines by integrating git, Jenkins and Maven.
* Act as an interface towards customer technical staff and other groups within the organization till the closure of the incident.
* Understanding, analysing the root cause of an alert and solving it.

**Project #3**

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| **Organization** | **:** **Nebula Technology Ltd,** |
| **Duration Involved** | **:** April 2017 to November 2018 |

**Role :** Linux System Administrator

**Environment :** Linux and Windows.

**Key performance indicators:**

* Installing, configuring and maintaining of Linux RHEL 6.x,7.x on Dell power edge and HP Proliant servers.
* User administration: Creating, deleting, modifying, locking, unlocking and managing user accounts, groups and allotting permissions to them.
* Working in a 24X7 on call rotation to support critical production environments  Installation, configuration and maintenance of Logical Volume Manager (LVM)  Configuration of SSH and providing user level and system level security.
* Solving day to day problems and following it up through ticketing system.
* Worked with VMware ESX Server configured for Red Hat Enterprise Linux.
* Troubleshooting the File systems issues, server problem, hardware issues.
* Monitoring Disk, Memory, Swap and memory utilization on Linux boxes.
* Vendor Co-ordinaton for new installation, up gradation and failure devices.
* Scheduling the jobs with CRONTAB and AT.
* Installing the necessary procedures and security tools.
* Monitoring the servers, file system usage and system performance. services such as NFS, DNS, SAMBA, and NIS.