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RASHMI RAI

PROFESSIONAL SUMMARY:

- Skilled DevOps Engineer dedicated to automation and optimization for 4+ years. Understands and manages the space between operations and development to quickly deliver code to customers. Has experience with the Cloud, as well as **DevOps automation Development for Linux systems**.
- Brings maturity, enthusiasm, and a drive to learn new technologies along with real world experience.
- experience of Build/Release/Software Configuration and DevOps methodologies and setting up and maintaining **CI & CD** pipelines and delivering releases for multiple Applications running on both Linux based distributed Infrastructure.
- Experienced in working on DevOps operations process and tools.
- In-depth understanding of the principles and best practices of Software Configuration Management (**SCM**) processes, which include compiling, packaging, deploying and application configurations.
- Extensively worked with Version Control Systems like **GIT** and **azure repo**
- Extensively worked with automation tools like Jenkins and azure pipeline to implement the end-to-end automation.
- Extensively used Jenkins to streamline **CI/CD process**, automated **Master-Slave configurations** using temporary slaves.
- Expertise in using build tools like **MAVEN** for the building of deployable artifacts such as War from source code.
- Experience in integrating Unit Tests and Code Quality Analysis Tools like **SonarQube**.
- Administration and creation of Individual DAGS and jobs, including automatic generation, reporting, and alerting of build failures and build status indicators.
- Performing deployments to Prod and Non-Prod Servers using **Ansible**.
- Experience in using **ECR** and **ACR** Repository Manager for Maven builds.
- Administered and Implemented CI tools Azure pipeline and Jenkins for automated builds.
- Experience is using **Tomcat and NGINX** application servers for deployments.
- Application Deployments & Environment configuration using Ansible.
- Experience with Linux environments and scripting for Build & Release automation
- Good Experience in **Docker** like creating Docker Images and Docker Containers.
- Expertise in creating Manifest file for creating Pods, Service, Replication, Deployment.
- Experience in different services of **AWS** like **VPC, IAM, EC2, ELB, S3, EBS, EKS, ECR, AMI**.
- Experience in **Shell Scripting**.
- Having good experience on Installing and configuring DevOps tools.
- Having good experience on ETL tool like **ADF, Databricks, Airflow and Dremio.**

EXPERIENCE

PROJECT – 3

DEVOPS ENGINEER   **Duration: 08/2022 – Till date**
Team – Cloud/DevOps | Seven-Eleven DATA LAKE PROJECTS
LTIMindtree Pvt Ltd, Bangalore, India
Technologies: *DevOps tools like* **Databricks, Airflow, Dremio, Newrelic,** **ADF, Docker, Kubernetes.**

Roles and responsibilities:

- Automated   build scripts using Python, Configured Azure CI tool for project and setup Nightly Builds.
- Automated the code deployment process in each environment (development, Production)
- Configured a continuous integration process and interface with the operations team to ensure project artifacts are deployed automatically to various environments using azure CICD.
- Worked on large-scale projects as well as handling day-to-day operational requests (Adhoc Requests) from the business and provided insightful data extracts.
- Containerizing applications with Docker. Responsible for managing the Docker Private registry. Accomplished in tool automation using python scripting.
- Participated in Bug review meeting and release the builds to pre-production and production servers.
- Work with project teams to determine an appropriate build schedule, then build and deployment process to respective environments.
- Involved in deployment of the application using Nginx.
- Responsible for the deployment on Linux for Dev and productions environment.
- Preparing the build statistics and produce to the management team.

PROJECT – 2

DEVOPS ENGINEER   **Duration: 08/2020 – 07/2022**

Team – Cloud/DevOps | Carrier
NUCENT Technologies Pvt Ltd, Bangalore, India
Technologies: *DevOps tools like* **Git, Maven, ECR, Jenkins, SonarQube, Tomcat, Docker** .

Roles and responsibilities:

- On the role I give support to Git/GitHub to development team.
- Administration of GitHub like creating branches, merging the source code from one branch to another Branch and providing the specific permission to team members.

- Merge, build and deployment of codes to all the Environments.
- **Jenkins** is used as a Continuous Integration tool for automation of daily process.
- Involved in Installing Jenkins as Linux Machine. And creating a Master and Slave configuration to implement multiple parallel builds and creation of Individual Jenkins jobs, Including Automatic generation, reporting and alerting of build failures.
- Used Docker Containers for running different Individual services and optimizing the infrastructure cost.
- Used **AWS (Amazon Web Services)** services like **EC2, S3, EBS, ELB** and **VPC** for building infrastructure with the help of CIDR range created the subnets for backed resources.
- Understand performance and basic security for infrastructure.

PROJECT -1

Cloud ENGINEER   **Duration: 12/2018 - 05/2020**

Team- Infra Cloud/DevOps | nets

NUCENT Technologies Pvt Ltd, Bangalore, India

Technologies: Amazon web services *Cloud like **VPC, EC2, RDS, ELB, EBS** and **NACL**'s configurations*

Roles and responsibilities:

- Creating multiple firewalls (Securities groups of **inbound/outbound** rules) to avoid /blocked unwanted Traffic and subnets level security via NACL's configurations.
- Involving a creation of multiple resources like EC2/ELB/EBS/Volume/S3 / **RDS Database from** the AWS Cloud.
- Configure connectivity of resources between Multiple VPC via VPC peering.
- Created routes /IP Table to resources like EC2/RDS/ELB/EBS instances.
- Configure **CIDR** range Multiple VPC's and subnets.

EDUCATION   **AUGUST2015**

Bachelor of computer application (BCA –IT)/MIIT, VARANASI, U.P.

SKILLS & INTREST

Operating Systems: Linux, Windows

Version Control & SCM Tools: Git, GitHub

Scripting Languages: Groovy Script

Application/Web Servers: Nginx, Tomcat

Build Tools: Maven, Python
Cloud: Azure, AWS (Amazon Web Services), EBS, S3, EC2, ELB, Auto Scaling, VPC

Continuous Integration: Jenkins, Azure Pipeline

Containerization: Docker

Container Orchestration: Kubernetes

Configuration Management Tools: Ansible, Terraform

Data ETL tool – Databricks, Dreimio, ADF, Airflow