6363745658

Rashmi471888@gmail.com

Bangalore-560029

# RASHMI RAI

## PROFESSIONAL SUMMARY:

- Skilled DevOps Engineer dedicated to automation and optimization for 5+ 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**.
- Extensively worked with Version Control Systems like **GIT** and **azure repo**
- Having Good Exp in **Azure Data Engineering**. Administration and creation of Individual **DAGS** and **jobs**, including automatic generation, reporting, and alerting of build failures and build status indicators.
- Strong experience in **Azure Data Factory**, **Azure Databricks**, **Azure SQL Database**, and **Azure Cosmos DB**, **Python** and **Azure DevOps CI/CD Pipeline**.
- 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. Experience in integrating Unit Tests and Code Quality Analysis Tools like **SonarQube**. Experience in using **ECR** and **ACR** Repository Manager for Maven builds.
- Expertise in using build tools like **MAVEN** for the building of deployable artifacts such as War from source code. 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. Good Experience in **Docker** like creating Docker Images and Docker Containers. Experience in **Shell Scripting.**
- Expertise in creating Manifest files for creating Pods, Service, Replication, Deployment.
- Experience in different services of **AWS** like **VPC, IAM, EC2, ELB, S3, EBS, EKS, ECR, AMI**.

  ## SKILLS & INTEREST

- Operating Systems: **Linux, Windows**
- Version Control & SCM Tools: **Git, GitHub**
- Scripting Languages: **Groovy Script**
- Application/Web Servers: **Nginx, Tomcat**
- AWS Cloud: **Azure, AWS (Amazon Web Services), EBS, S3, EC2, ELB, Auto Scaling**
- Build Tools: **Maven, Python**
- Continuous Integration**: Jenkins, Azure Pipeline**
- Containerization**: Docker**
- Container Orchestration**: Kubernetes**
- Configuration Management Tools**: Ansible, Terraform**
- AZURE Cloud **– Azure Data Factory, Azure Databricks, Azure SQL Database, and Azure Cosmos DB, Python and Azure DevOps CI/CD Pipeline**
- Developments ETL tool: **Dremio, Astronomer**

## PROJECT – 3

**AZURE DEVOPS DATA ENGINEER**      Duration: 08/22
Team – Cloud/DevOps | Seven-Eleven DATA LAKE PROJECTS
**LTIMINDTREE Pvt Ltd,** Bangalore, India
Technologies: *DevOps tools like **Azure Data Factory, Azure Databricks, Azure SQL Database, and***

***Azure Cosmos DB, Python and Azure DevOps CI/CD Pipeline***

**Roles and responsibilities:**

- Design, develop and implement data solutions on the Azure platform Automated the code deployment process in each environment (development, Production).
- Strive for continuous improvement and build continuous integration, continuous development, and constant deployment pipeline (CI/CD Pipeline).
- Develop ETL pipelines using Azure Data Factory and Azure Databricks.
- Develop and maintain data models and data processing pipelines using Azure SQL
- Database and (Any DB).
- Ensure the accuracy, completeness, and timeliness of data delivery.
- Collaborate with cross-functional teams to deliver solutions that meet business Requirements.
- Implement data security, compliance, and governance policies.
- Troubleshoot and resolve data related issues.
- Preparing the building statistics and producing them for 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 the 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.

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EDUCATION              **AUGUST (2015)**

Bachelor of computer application (BCA-IT)/MIIT