

RANGALA JOSHNA

E-mail: rangalajoshna@gmail.com

Mobile: +91 7675910130

LinkedIn: www.linkedin.com/in/rangala-joshna-24b996236

Objective:

DevOps Engineer with a proven track record of in cloud implementation, CI/CD pipeline orchestration, and infrastructure management using AWS and Motivated Java backend developer with a solid background in object-oriented programming and the software development lifecycle (SDLC). Keen on learning new technologies to address real-world challenges.

Professional Summary:

- **Basic Java Syntax and Structure:** Understanding Java syntax, operators, data types, and control flow (conditions and loops).
- **Object-Oriented Programming (OOP):** Grasp the concepts of classes, objects, inheritance, polymorphism, encapsulation, and abstraction.
- **AWS:** Demonstrated proficiency in deploying and managing services like EC2, IAM, S3, VPC, RDS, etc.
- **CI/CD Pipelines:** Developed and implemented CI/CD pipelines using Jenkins
- **Kubernetes and Docker Orchestration:** Orchestrated Docker Containers utilising Kubernetes for efficient deployment and scaling
- **Configuration Management and Automation:** Leveraged Ansible for managing web applications, environment configurations, packages, and users. Setup Terraform scripts provisioning highly available EC2 instances. Installed and configured Ansible for comprehensive infrastructure configuration management.

Skills Profile:

Operating Systems : linux

Cluster technologies : Docker - Kubernetes - EKS

Version Control : Git - Github

Automation Tools : Ansible - Terraform - Jenkins

Amazon Web Services : EC2 - S3 - RDS - IAM - Cloud Formation - VPC - etc

Programming languages: Java

Certifications:

- AWS Certified Practitioner Essentials-05/2022
- Devops and AWS certification at Digital Lync -2024

Project Details:

- **Project Title:** Learning Management System(LMS)

- Roles and responsibilities:**

- Set up and configure the infrastructure for the LMS on the development (DEV) quality assurance (QA), and production (PROD) environments.
 - Manage the cloud-based resources, such as virtual machines, containers, and networking components.
 - Automate infrastructure provisioning using tools like Terraform or cloud-specific infrastructure- as-code solutions.
 - Implement and manage a continuous integration (CI) and continuous deployment (CD) pipeline for the LMS using Jenkins.
 - Configure and maintain a version control system (e.g., Git) for source code management.
 - Set up build and test automation using tools like Jenkins, CI/CD.
 - Used tools like Ansible to automate configuration tasks.

- **Project Title:**Customer and product segmentation in retailing using machine learning techniques (Certified at 8th International Conference of Convergence in Technology(12 CT)

- Description:**

- Customers and products undergo segmentation into different clusters through a comprehensive process. This involves data cleaning, preprocessing, and feature engineering applied to the dataset to eliminate missing values and outliers, focusing on essential attributes for the project. RFM analysis is then conducted on the refined dataset to gain insights into customer behaviour patterns. Subsequently, a variety of clustering techniques, including K-means, DBSCAN, Spectral clustering, Agglomerative Hierarchical clustering, Birch, OPTICS, and Affinity propagation, are employed for model selection. For product segmentation, K-means++ clustering is specifically utilised

Academics:

- Btech in Gayatri Vidya Parishad College of Engineering for women, Visakhapatnam in 2023
- Intermediate from Sri Chaitanya Junior College, Visakhapatnam in 2019
- 10th Standard from St.Ann's Convent School, Pathapatnam in 2017

Personal Details:

- **Hobbies:** Arts, Listening to music, Painting,puzzle solving
- **Nationality:** Indian
- **Languages Known:** Telugu, English

Declaration:

I hereby declare that all the mentioned information is true and correct to the best of my knowledge

Place: Hyderabad Signature/E-signature: R. Joshna

