

MANISH KUMAR

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EDUCATION

Bachelor of Technology in Information Technology, MSIT [IP University] 2022
Percentage: 86.7.

Diploma in Mechanical Engineering, PIT University 2017

SKILLS

Programming Languages	C++, JAVA, Python, JavaScript, Groovy, Data Structure and Algorithm
DevOps	Linux, Jenkins, Docker, Github Workflows, Github Actions, IaC(Cloudformation)
Cloud(AWS)	Route53, ECS, Fargate, VPC, S3, EC2, Lambda, Cloudfront, alb...
Dara Warehouse(AWS)	Aurora(MySql), Redshift Cluster, zero-ETL Integration
Development	Spring, Spring Boot, Maven, JPA, Hibernate, Rest API's, MySQL (Basic)
Front End	HTML , CSS , JS , Bootstrap

EXPERIENCE

Associate Engineer, DevOps and Cloud Technologies Oct 2022 - Present
Impressico Business Solutions *Noida , UP*

- RIVITTV :: Managing deployment of the Java backend on AWS ECS, orchestrating frontend hosting on an S3 bucket, and implementing CI/CD pipelines using Jenkins for streamlined development workflows.
- RIVITTV :: Orchestrating the deployment of Redshift clusters and seamlessly integrating them with existing Aurora clusters to empower AI/ML and data engineering capabilities
- RIVITTV :: Supervising project management and deployment across all environments to improve system functionality continuously
- RIVITTV :: Collaborating with Devs for implementation of automation tools like pagehealth, awsOnOff and v2sanity python service
- CARY :: Ensuring continuous operational stability across all environments in CARY project by monitoring Jenkins build jobs and promptly resolving any occurring issues, with the goal of delivering a seamless user experience.
- CARY :: Creation of NAT ami and updation of CFT for upgradation of NAT instance with amazon linux 3.
- CHATOPS :: Exclusively manages the ChatOps project, an in-house initiative designed to oversee all project repositories on GitHub and ensure compliance with company's rules and regulations.

DEVOPS PROJECTS

Github Actions This repository contains a collection of GitHub Actions workflows designed to monitor the repository and pull requests, performing various operations based on predefined conditions. ([Github Repo](#))

python: awsOnOff This Python module provides a set of functions to start and stop Amazon Elastic Compute Cloud (EC2) instances in specified AWS regions. It utilizes the AWS SDK for Python (Boto3) to interact with AWS resources. ([Github Repo](#))

AI PROJECTS

ai-trip This Python project is an AI proof-of-concept (POC) that assists users in planning their travel itineraries. The project utilizes Streamlit for displaying data in the app.py file, while the rest of the code resides in utils.py. ([Github Repo](#))