

# Monika Kumari

DevOps Engineer

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India

*A dynamic Art graduate with a strong foundation in English Honors, blending creative flair with analytical acumen. Passionate about DevOps and technology-driven solutions, eager to leverage artistic ingenuity and linguistic proficiency to excel in DevOps. Committed to continuous learning, adept at adapting to new challenges, and driven to contribute effectively to innovative projects.*

## EDUCATION

### Certificate of Higher Education

CM Collage ,Bihar

2019 - 2022

Courses

- English Literature

### Intermediate (12th) - Science

Raghunath Jha College Sitamarhi, Br

2017 - 2019

## WORK EXPERIENCE

### DevOps Engineer

Gamucopia Creatives

01/2024 - Present

BAnglore(Remote)

Achievements/Tasks

- Created a Cloud Infrastructure consisting of **VPC**, Route Table, Public and Private Subnets, and Security Group.
- created many Ec2 instances and installed various packages like Jenkins, JDK, and Sonarqube. Worked on Docker, dockerize microservices with Dockerfile and sent the images to ECR. Created AWS EKS, managed Nodes and deployed microservices on the **EKS cluster** with manifest files.
- Installed **Apache apisix** and used persistent volume in EKS cluster with Helm chart. Created CI/CD Pipeline, end-to-end automation from bitbucket to deployment on EKS cluster
- Worked on a Linux-based system for required package installation.
- Used multiple AWS services like EC2, S3, RDS, EKS,ECR,IAM.

### DevOps Support

APS Innovations Pvt Ltd

03/2023 - 11/2023

Noida

Achievements/Tasks

- Linux Systems: Worked on a **Linux**-based system for required package installation and wrote shell scripts to automate processes.
- Set up deployment processes using Jenkins through freestyle projects and CI/CD pipelines with Jenkinsfile, including end-to-end pipeline and SonarQube integration.
- Led projects and analyzed data to identify opportunities for improvement.
- **HTML, CSS** (page creation and template modification)

## SKILLS

GIT , Bitbucket ,GitHub

AWS (EC2, S3, IAM, RDS, ECR, VPC)

Linux, Kubernetes, Jenkins, Docker, Ansible, SonarQube

HTML, CSS, JavaScript,bootstrap

Infrastructure Security, Service Discovery and Load Balancing ,Disaster Recovery and High Availability , Auto-Scalling

## PROJECT

### Project Key

- Cloud Infrastructure: Created and managed Cloud Infrastructure consisting of **VPC**, **Route Tables**, **Public and Private** Subnets, and Security Groups. Linux Systems: Worked on a Linux-based system for required package installation and wrote shell scripts to automate processes. **CI/CD** Pipelines: Set up deployment processes using Jenkins, including freestyle projects, CI/CD pipelines with Jenkins file, and **SonarQube** integration. AWS Services: Utilized multiple AWS services such as **EC2**, **S3**, **RDS**, **EKS**, **ECR**, and **IAM**. Used AWS CLI for various tasks, including creating roles and copying files to S3 buckets. Version Control: Worked with **version control systems** like **Git** and **Bitbucket**. **SSL** Certificates: Created **SSL certificates** to secure URLs.
- Automated CI/CD Pipeline:Pipeline Configuration: Configured a Jenkins pipeline to automate the build, test, and deployment processes for a user management project.
- Technologies Used: **Jenkins**, **Docker**, **Kubernetes**, **AWS (ECR, EKS, EC2)**, **Git**, **Bitbucket**, **Shell Scripting**.
- Docker Image Creation: Built Docker images for deployment.
- Kubernetes Deployment: Deployed the application to a Kubernetes cluster.
- Version Management: Automated version incrementing and tagging in Bitbucket.
- Pushing to ECR: Pushed Docker images to Amazon ECR.

## LANGUAGES

English  
Full Professional Proficiency

Hindi  
Full Professional Proficiency

## INTERESTS

Playing Video Games

Playing Badminton

Reading