

# Janhvi Maddeshiya

## DevOps Engineer

DevOps Engineer with a strong track record of deploying and managing cloud-native applications using AWS and Azure. Experienced in building robust CI/CD pipelines with Jenkins and GitHub Actions, containerizing services using Docker, and orchestrating deployments with Kubernetes and ECS. Passionate about streamlining deployment processes and enhancing system reliability.

## EXPERIENCE

### DevOps Engineer

Aug 2024 – Present

*RnG play*

*Noida, UP*

- Deployed and managed gaming applications on AWS EKS and ECS, ensuring high availability and auto-scaling.
- Dockerized frontend and backend components, including Redis and MongoDB APIs, enabling consistent environment setup and faster deployment cycles.
- Built and optimized end-to-end CI/CD pipelines using Jenkins, automating build, test, and deployment stages to enhance release speed, consistency, and reliability.
- Integrated AWS Elastic Container Registry (ECR) with CI/CD for secure image storage and seamless deployment across environments.
- Configured Amazon S3 and CloudFront to deploy frontend of applications, significantly improving application load times and global content delivery.
- Integrated Prometheus and Grafana to monitor ECS cluster performance, enabling proactive alerting and improved observability.

### DevOps Engineer

Jan 2023 – Feb 2024

*XenonStack Pvt Ltd*

*Mohali, Punjab*

- Developed and maintained CI/CD pipelines for containerized applications utilizing AWS services, enhancing software delivery speed and reliability.
- Worked extensively on AWS networking, including setting up and managing VPCs, subnets, security groups, and load balancers to ensure secure and reliable application deployments.
- Utilized Docker for containerization, leading to increased deployment efficiency and consistency across environments.

## EDUCATION

### Masters of Computer Application

2021 - 2023

*Chandigarh University*

*Mohali, Punjab*

### Bachelor of Science

2018 - 2021

*National Post Graduate College*

*Lucknow, UP*

## TECHNICAL SKILLS

**Source Code Management:** Git, GitHub

**Containerization:** Docker

**Container Orchestration:** Kubernetes, Docker Compose

**CI/CD Automation:** Jenkins, GitHub Actions, AWS CodePipeline

**Infrastructure as code (IAC) :** Terraform, CloudFormation

**Cloud Technologies:** AWS, Azure

**Operating System:** Linux, Windows

**Scripting Languages:** Python, Bash

**Monitoring and Observability Tools:** Prometheus, Grafana

## PROJECTS

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### **Automated Deployment Pipeline for a Web Application** | *XenonStack*

- Designed and implemented an automated CI/CD pipeline, significantly improving software delivery speed and reliability.
- Maintained high availability and security standards throughout the deployment process.

### **Notejam Containerization** | *[Github](#)*

- Dockerized applications and orchestrated deployments using Kubernetes, showcasing expertise in containerization.
- Hosted applications locally using NodePort and Ingress, demonstrating Kubernetes networking and service discovery skills.

## ACHIEVEMENTS

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**Microsoft Azure Administrator**

Oct 2023