Riya Sharma

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EXPERIENCE

DevOps Intern | LinuxWorld Informatics Pvt Ltd, Jaipu

June 2025 – August 2025

- Developed and optimized a Jenkins CI/CD pipeline, automating the build, test, and deployment lifecycle to reduce manual deployment time by over 90%.
- Containerized a monolithic application with Docker, creating reproducible builds and cutting new developer onboarding time from a full day to under an hour.
- Authored scripts using AWS (EC2, S3) to provision and maintain development and staging environments while troubleshooting pipeline failures to improve reliability.

EDUCATION

Bachelor of Technology (B.Tech), Computer Science | 2023 – 2027

- *Jaipur Engineering College and Research Centre (JECRC Foundation), Jaipur*
- Cumulative GPA: 9.5 / 10.0

Class XII (CBSE) | 2022

- *St. Francis Sr. Sec. School*
- Percentage: 94.8%

Class X (CBSE) | 2020

- *Bandikui Public School*
- Percentage: 95.2%

PROJECTS

Go-Based Cleaning Service Website: Developed a responsive prototype for an on-demand cleaning service using Go, featuring user booking, service selection, and instant payment.

Microservices with Docker Compose: Architected and deployed a multi-service application (front-end, API, database) using Docker Compose to practice container orchestration.

Agentic AI Tutor: Built an interactive, conversational AI tutor using Python and core AI principles.

Automated CI/CD Pipeline for Flask API: Created a CI/CD pipeline using Git, Jenkins, Pytest, and Docker to automate testing and deployment for a Python Flask API.

SKILLS

Languages: Python, SQL

DevOps & Cloud: Docker, Kubernetes, Jenkins, CI/CD, AWS

Tools & Platforms: Git, GitHub, Docker Compose

Operating Systems: Linux

LANGUAGES

English,Hindi