

Tanisha Kushwah

📞 9783705143 | ✉ tanisha206guttu@gmail.com | 🌐 LinkedIn | 📄 GitHub | 📁 Portfolio

Summary

DevOps-focused MCA student with experience in AWS (EC2, S3, Lambda, CloudWatch), containerization, and infrastructure automation. Built and deployed cloud-based projects using Docker, Linux, Git, and CI/CD concepts. Strong foundation in Python, Bash, and problem-solving with an interest in DevOps and Cloud technologies.

PROJECTS

VibeScan AI-Based Code Security Scanner | *Python, Security Analysis, Automation* | GitHub

- Built an automated scanner to detect insecure coding patterns and common vulnerabilities in developer-written and AI-generated code.
- Implemented rule-based vulnerability checks and generated report summaries to speed up code reviews and highlight security hotspots.
- Improved review efficiency and provided actionable findings for developers; repository includes tests and usage instructions.

MediWatch Healthcare CI/CD Automation Pipeline | *Jenkins, Docker, AWS EC2, IAM, Ubuntu 24.04* | GitHub

- Designed and implemented CI/CD pipelines using Jenkins and Docker to automate build, test, and deployment workflows.
- Containerized application components and automated deployments to AWS EC2 with IAM roles following least-privilege principles.
- Reduced deployment time and manual steps with documented pipeline and deployment runbooks.

CloudFlow Serverless Event-Driven Data Pipeline | *AWS Lambda, S3, DynamoDB, Python, Terraform* | GitHub

- Architected a serverless pipeline for event ingestion and processing using AWS Lambda, S3 event triggers, and DynamoDB storage.
- Provisioned and managed infrastructure with Terraform for reproducibility and environment consistency.
- Achieved scalable and cost-efficient event-driven architecture with Infrastructure as Code deployment.

SKILLS

Cloud Platforms: AWS (EC2, S3, IAM, VPC, Lambda, Auto Scaling, CloudWatch, DynamoDB)

CI/CD & Automation: Jenkins, GitHub Actions, Ansible

Containerization & Orchestration: Docker, Kubernetes

Infrastructure as Code: Terraform, CloudFormation

Monitoring: Prometheus, Grafana, AWS CloudWatch

Operating Systems: Linux (Ubuntu), Shell Scripting

Programming: Python, Bash

CERTIFICATIONS

Docker for Absolute Beginners	KodeKloud	Sep 2025
Networking Basics	Cisco Networking Academy	Sep 2025
DevOps Workshop	Core Tech IT Services Pvt. Ltd.	Sep 2025

EDUCATION

MAHARSHI DAYANAND SARASWATI UNIVERSITY, AJMER 2025 – Present

Master of Computer Applications (MCA)

Kanchan Devi College, Bhilwara 2022 – 2025

Bachelor of Computer Applications (BCA)

- **Achievement:** College Topper (Rank 1) | 84%