

RAHUL JOSHI- Cloud & DevOps Engineer

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GitHub: <https://github.com/Rahuljoshi07>

Portfolio: <https://shorturl.at/8q1z2>

Technical Summary

Cloud & DevOps Engineer with hands-on experience in designing, deploying, and managing scalable infrastructure using AWS, Docker, Kubernetes, and Terraform. Skilled in CI/CD pipelines (Jenkins, GitHub Actions), container orchestration, and infrastructure as code. Proficient in automating deployments, monitoring cloud environments, and implementing best DevOps practices. Passionate about building secure, resilient, and efficient cloud-native applications.

EDUCATION

Uttaranchal University – Master of Computer Applications (MCA) — 2023–2025 (pursuing)

Quantum University – Bachelor’s Degree in computer Applications (BCA)

SKILLS

CLOUD & INFRASTRUCTURE: AWS (EC2, S3, IAM, VPC, CloudWatch, Route53) | Nginx | Load Balancing

DEVOPS TOOLS Docker | Kubernetes (Minikube, kubectl, Helm) | Jenkins | GitHub Actions | GitLab CI/CD | Linux | Bash

INFRASTRUCTURE AS CODE (IaC): Terraform | Ansible | AWS CloudFormation (Basics)

PROGRAMMING & SCRIPTING: Python | C++ (Certified) | JavaScript | TypeScript | Bash | YAML | Shell | C# | C

MONITORING & AUTOMATION: Prometheus (Learning) | Grafana (Learning) | ELK Stack (Learning) | Nagios (Learning) | AWS CloudWatch

CONTAINERS & ORCHESTRATION: Docker | Docker Compose | Kubernetes (Minikube, kubectl)

SCRIPTING & PROGRAMMING: Bash | Python | YAML | Shell | C++

VERSION CONTROL: Git | GitHub | GitLab

OPERATING SYSTEMS: Windows |Linux (Ubuntu)

SOFT SKILLS: Team Player | Optimistic | Fast Learner | Problem-Solver | Communication | Collaboration

PROJECTS

Jenkins CI/CD Pipeline Project

 GitHub: github.com/Rahuljoshi07/jenkins-node-pipeline

Tech Stack: Jenkins, Node.js, Shell, Git, GitHub

1. Built a Node.js app to simulate a real-world CI/CD flow for automated builds and testing.
2. Created a declarative Jenkinsfile with stages for install, test, and deployment.
3. Integrated with Jenkins to run pipeline jobs on code push using GitHub webhook triggers.
4. Structured the project with clean commits, modular code, and clear CI/CD logic for recruiters.

Ansible Static Site Deployment

 GitHub: github.com/Rahuljoshi07/ansible-static-site

Tech Stack: Ansible, NGINX, YAML, HTML, Git

1. Developed an Ansible playbook to automate NGINX installation and static site deployment.
2. Configured hosts and inventory for remote server provisioning over SSH.
3. Enabled seamless infrastructure automation by deploying dynamic HTML pages to Linux VMs.
4. Followed best practices for file structure, variable reuse, and Ansible roles for scalability.

Dockerized Task Tracker CLI App

 GitHub: github.com/Rahuljoshi07/docker-task-tracker

Tech Stack: Python, Docker, Bash, Git, GitHub

1. Built a command-line task tracker in Python that captures user input and logs tasks with timestamps to a file.
2. Containerized the application using Docker to ensure consistent and portable execution across systems.
3. Automated the entire setup using Bash scripts, enabling quick startup with a single docker run command.
4. Configured a clean .gitignore to exclude unnecessary files and maintain a tidy version-controlled repo.

CERTIFICATIONS

- C++ Programming – Certified
 - AWS Cloud Practitioner (Planned)
 - Free DevOps Bootcamp – Train With Shubham (TWS)
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ACHEVIMENTS & PARTICIPATION

GEEKS FOR GEEKS | Participated in geeks for geeks JOB-A-THON

Quantum Roadies | Runner up in Quantum Roadies

UTTARANCHAL UNIVERSITY | Animated Story Telling

CURRENTLY LEARNING

- Infrastructure as Code: Ansible, Terraform
 - Monitoring & Logging: Prometheus, Grafana, ELK Stack, Nagios, AWS CloudWatch
 - Kubernetes Deployment & Helm Charts
 - AWS Services for DevOps (IAM, S3, EC2, CloudWatch)
 - Infrastructure as Code with Terraform
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INTERESTS

DevOps Automation | Cloud Infrastructure | Open Source | CI/CD | Kubernetes | System Design | Site Reliability Engineering (SRE)