

ADARSH SINGH

DevOps Engineer

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PROFESSIONAL SUMMARY

Aspiring DevOps Engineer with hands-on experience in AWS, Linux, Docker, Kubernetes, Terraform, Jenkins, and CI/CD automation. Skilled in building scalable cloud infrastructure, automating deployment pipelines, and containerizing applications. Strong foundation in Linux administration, networking, and scripting, with experience in full DevOps lifecycle projects and cloud-native development.

TECHNICAL SKILLS

Languages & Scripting: Python, Bash, Java, C++, SQL, YAML, JSON

Cloud Infrastructure: AWS (EC2, S3, IAM, VPC, Load Balancer, Auto Scaling), Networking (Subnets, Security Groups, DNS, SSH)

DevOps CI/CD Tools: Git, GitHub, GitHub Actions, Jenkins, Maven, SonarQube, Nexus

Infrastructure as Code: Terraform (modular setup, remote state), Shell Scripting

Containerization Orchestration: Docker (images, containers, Dockerfile)

Configuration Management Automation: Ansible (playbooks, inventory, provisioning)

Tools & IDEs: VS Code, IntelliJ IDEA, Postman, Git CLI, Linux Terminal

EXPERIENCE

- Shail Healthcare Pvt. Ltd.** Aug 2020 – Jul 2023
Area Service Incharge, Radiography Dept. Gonda, UP
 - Delivered technical and software support for FUJIFILM CR Systems.
 - Acted as a communication bridge between clients and company.
 - Handled AMC/CMC contracts and managed sales of defective parts.
 - Completed official FUJIFILM application training (Jul 2021).

PROJECTS / EXPERIENCE

- CI/CD Pipeline Automation for Java Web App | GitHub Actions, Jenkins, Docker, AWS EC2**
 - Designed and implemented a CI/CD pipeline using GitHub Actions and Jenkins for automated build, test, and deployment of a Java web application.
 - Containerized application using Docker and deployed on AWS EC2 with automated provisioning via Shell Script.
 - Reduced manual deployment efforts by 80% and improved delivery speed by 60%.
- AWS Infrastructure Automation | Terraform, AWS EC2, VPC, Load Balancer**
 - Developed Infrastructure as Code (IaC) using Terraform to provision EC2 instances, Security Groups, and Application Load Balancer.
 - Implemented modular Terraform structure with remote state and version-controlled workflow using Git and GitHub.
 - Achieved a 70% reduction in provisioning time while maintaining environment consistency and reproducibility.

EDUCATION

- Dr A P J Abdul Kalam Technical University** Aug 2023 – Present
B.Tech in Computer Science & Engineering (75.8%) Lucknow, UP
- Govt. Polytechnic, Bahraich** 2016 – 2019
Diploma in Electrical Engineering (65.5%) Bahraich, UP
- Pratibha S.N.I.C. & New Jai Hind Inter College** 2013 – 2016
Intermediate (87.6%) & High School (85.1%) Barabanki, UP

CERTIFICATIONS

DevOps Professional – Udemy

AWS Cloud Practitioner – Amazon Web Services