

# ADARSH SINGH

DevOps Engineer

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## 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, Shell Scripting
- **Containerization Orchestration:** Docker (images, containers, Dockerfile)
- **Configuration Management Automation:** Ansible
- **Tools & IDEs:** VS Code, IntelliJ IDEA, Postman, Git CLI, Linux Terminal

## EXPERIENCE

- **CoreXtech IT Services Pvt. Ltd.** Nov 2025 – Present  
*DevOps Intern*  
– Working with Linux-based systems for server setup and configuration.  
– Managing and deploying applications using AWS cloud services.  
– Configuring web servers like Apache and Nginx for hosting applications.  
– Creating and managing Docker containers for development/testing environments.  
– Building and maintaining CI/CD pipelines using Jenkins and GitHub.
- **Shail Healthcare Pvt. Ltd.** Aug 2020 – Jul 2023  
*Area Service Engineer, Radiography Dept.*  
– 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

- **CI/CD Pipeline Automation for Java Web App | AWS EC2 , Jenkins, Docker, GitHub Actions**  
– Designed and implemented a CI/CD pipeline using GitHub Actions and Jenkins for automated build, test, and deployment.  
– 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