

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

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| • CoreXtech IT Services Pvt. Ltd. | Nov 2025 – Present |
| • <i>DevOps Intern</i> | <i>Remote</i> |
| – 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 |
| • <i>Area Service Engineer, Radiography Dept.</i> | <i>Gonda, UP</i> |
| – 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

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

CERTIFICATIONS

- **DevOps Professional** – Udemy
- **AWS Cloud Practitioner** – Amazon Web Services