

# DEEP DHABAL

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## PROFESSIONAL SUMMARY

I am a proactive student with a strong IT background, including expertise in cloud architecture and system management, particularly with AWS (EC2, S3, EBS, Auto Scaling) and Linux servers. My skills extend to Docker, and CI/CD pipelines, supported by my AWS Certified Cloud Practitioner certification. Experienced in both independent and team projects, I excel in deploying and managing cloud solutions, and am eager to contribute to digital innovation in roles such as Cloud Engineer.

## EDUCATION

- **M. Tech in Computer Science and Engineering.** July 2026
  - Pursuing with avg 80.5% marks.
- **B. Tech in Computer Science and Engineering.** July 2024
  - Qualified with avg 81.6% marks.
- **Diploma in Computer Science and Technology.** August 2021
  - Qualified with 86.5% marks.

## SKILLS

- **Languages:** Java, C, CPP, Python, Bash, JavaScript
- **Configuration Management:** Ansible, CloudFormation.
- **Cloud Platforms:** GCP, AWS.
- **Networking:** OSI Model, TCP/IP Protocol, DNS, HTTP/HTTPS.
- **Version Control System:** Git, GitHub
- **Operating System:** Windows, Linux.
- **Containerization Tool:** Docker, Basics of Kubernetes.
- **Devops Tool:** Jenkins, Basics of Terraform.

## PROJECTS

- **CI/CD Pipeline Development and Deployment**
  - **AWS EC2 Setup:** Provisioned and configured AWS EC2 instances for application hosting and Jenkins automation.
  - **Jenkins Installation and Configuration:** Installed Jenkins, set up repository sources, and configured Jenkins to run as a service, enabling continuous integration and delivery workflows.
  - **Dockerization:** Developed Docker images for a Node.js application, configured Docker containers, and managed deployments to ensure consistency across environments.
  - **Pipeline Automation:** Created and managed Jenkins jobs to automate Docker builds and deployments, streamlining the CI/CD process and enhancing deployment efficiency.
- **Managing and configuring multiple servers with Ansible**
  - Implemented Ansible to automate the management and configuration of multiple servers.
  - Developed Ansible playbooks to define the desired state of servers and automate tasks such as software installation, configuration updates, and system maintenance.
- **Hosted a Static Website on AWS S3 Bucket:**
  - Uploaded files to S3 with versioning enabled.
  - Enabled public access permissions.
  - I achieved cost optimization by employing AWS cost management tools.

## CERTIFICATION

**AWS Certified Cloud Practitioner from AWS Training and Certification**

**Jan 2024 – Jan 2027**

## ACHIEVEMENTS

- We successfully conducted **Linux** classes at our college, providing hands-on practical experience.