

# Dhruv Mali

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github.com/Dhruv-Mali

## Technical Skills

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- Cloud Platforms: Amazon Web Services (EC2, S3, RDS, CloudFront), Microsoft Azure
- DevOps & Automation: CI/CD Pipelines, Docker, Terraform, GitHub Actions, Shell Scripting, Linux Administration
- Programming Languages: Python, PHP, Bash
- Databases & Storage: MySQL, Amazon RDS, AWS S3
- Tools & Technologies: Git, GitHub, Django, Flask, HTML5, CSS3, JavaScript
- Additional Skills: Monitoring & Logging (CloudWatch), Security Best Practices (IAM, VPC)

## Education

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**Master of Computer Applications Parul University CGPA:8.17** 2024 – 2026,  
Specialization: Cloud Computing

**Bachelor of Computer Applications Parul University CGPA:7.68** 2021 – 2024,  
Specialization: Full Stack Web Developer

## Experience

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- Full Stack Developer Intern | CALCS November 2023 - April 2024,
- Developed and deployed 1 full-stack application features, improving user experience by 25%
  - Collaborated with 2-member development team to implement scalable AWS solutions serving 50+ users
  - Automated deployment workflows using GitHub Actions, reducing deployment time by 20%
  - Integrated database connectivity and cloud storage

## Certifications

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- Microsoft Azure Fundamentals AZ-900
- AWS Academy Graduate AWS Academy Cloud Foundations
- Cloud Climber AWS Certification Edition Webinar
- Database Management Systems DBMS Course: Master the Fundamentals Concepts
- AWS Academy Graduate - Cloud Architecting

## Projects

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### AWS S3 Cloud Storage System

- Developed a full-stack cloud storage web application using Python Flask and AWS S3 for secure file management
- Implemented pre-signed URLs for temporary file sharing with 99.99% uptime using AWS infrastructure
- Built RESTful APIs for file operations (upload, download, delete) with proper error handling and validation
- Designed responsive UI with Bootstrap 5, featuring real-time storage statistics and file management dashboard
- Technologies: Python, Flask, AWS S3, Boto3

### Online Book Store

- Built a responsive, real-time online bookstore using HTML, CSS, JavaScript, PHP, and MySQL.  
Deployed application on AWS infrastructure, leveraging S3 for media storage
- Tools Used: HTML, CSS, JS, PHP, AWS S3 Service

### **Automated Django Deployment Pipeline**

- Built end-to-end CI/CD pipeline reducing deployment time from 2 hours to 15 minutes
- Created Bash scripts for automated environment setup, dependency management, and database migrations
- Implemented monitoring and logging for 24/7 application health tracking
- Technologies: Django, Bash, AWS EC2, GitHub Actions

### **EXTRA-CURRICULAR ACTIVITIES**

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- OdoO Hackathon 2025: Selected among top 350 teams from 19,000+ participating groups nationwide (top 2.3%)
- Constructed a machine learning model that classifies images with 92% accuracy, securing selection among the top 10 teams from 50+ participating groups nationwide at the AI-ML Hackathon.
- AWS cloud summit in 2025
- AWS Cloud Club Member - Parul University
- Active contributor to cloud computing initiatives
- Continuous learner with focus on DevOps, cloud architecture, and infrastructure automation