

# Prafull Musale

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## SUMMARY

Aspiring DevOps/Cloud Engineer with hands-on experience in Linux system administration, cloud technologies, containerization, and automation. AWS Certified Cloud Practitioner with a strong passion for optimizing and streamlining development and deployment workflows. Eager to apply technical skills to contribute to scalable, reliable, and efficient cloud infrastructure solutions.

## INTERNSHIPS

### Teaching Assistant [Part-Time]

Sept 2025 - present

(D Y Patil International University, Pune)

- Assisted faculty in conducting Python programming lab sessions, helping students understand core concepts such as data types, control structures, and functions, while also supporting assignment evaluation and addressing student queries.

### Cloud Intern

May 2025 - August 2025

(emSphere Technologies Pvt. Ltd, Pune)

- Assisted in deploying and managing AWS cloud infrastructure, gaining hands-on experience with services like EC2, S3, and IAM, while supporting troubleshooting, performing maintenance tasks, and collaborating with senior engineers on cloud-based projects.

### Python Intern

May 2024 - July 2024

(LiSYS Technocraft Pvt. Ltd, Pune)

- Developed and optimized Python scripts for automation and data analysis, worked on data manipulation and visualization using Pandas and Matplotlib, and utilized Linux tools for efficient data separation and classification.

## PROJECTS

### Dockerized Application Deployment

Designed and deployed a multi-container application using Docker Compose, optimized Docker images, and managed container networking and scaling while applying best practices for networking, volume management, and overall container scalability.

## EDUCATION

2022 - present	B-Tech (CSE) at <b>D Y Patil International University, PUNE</b>	(GPA: 7.57/10.0)
2022	Class 12th, HSC Board	(Percentage: 84.17%)
2020	Class 10th, SSC Board	(Percentage: 88%)

## SKILLS

### Operating Systems

Linux, Windows

### Programming Languages

Python, Bash Scripting

### Database

SQL

### DevOps Tools

Docker, Kubernetes, Git, GitHub

### Cloud Platforms

AWS

## CERTIFICATIONS

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AWS Certified Cloud Practitioner  
AWS reStart Graduate  
AWS Cloud Quest:Cloud Practitioner