


# Prafull Musale

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## SUMMARY

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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

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**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

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**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

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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

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<b>Operating Systems</b>	Linux, Windows
<b>Programming Languages</b>	Python, Bash Scripting
<b>Database</b>	SQL
<b>DevOps Tools</b>	Docker, Kubernetes, Git, GitHub
<b>Cloud Platforms</b>	AWS

## CERTIFICATIONS

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AWS Certified Cloud Practitioner

AWS reStart Graduate

AWS Cloud Quest:Cloud Practitioner