

# SHRINIDHI UPADHYAYA

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🐙 GitHub    🔗 LinkedIn    🌐 Portfolio

## Career Objective

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Aspiring **DevOps Engineer** with strong foundations in Cloud, CI/CD, and Infrastructure Automation. Passionate about building scalable, secure, and automated solutions using modern DevOps tools. Seeking opportunities in top MNCs to apply academic knowledge and project experience in real-world environments.

## Skills

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- **Languages:** Bash, YAML, Python, Java, SQL
- **DevOps Tools:** Docker, Kubernetes, Jenkins, GitHub Actions, Terraform
- **Cloud:** AWS (EC2, S3, IAM, EKS)
- **Monitoring/Logging:** Prometheus, Grafana
- **Other:** Linux, Git, Networking Fundamentals

## Projects

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- **Placement Notification Bot** - *Python, Docker, AWS EC2, Telegram API*  
Automated email-to-Telegram alerts for 25+ students, enabling real-time placement drive updates.
- **Data Fortress: Autonomous Multicloud Backup & Recovery Platform** - *Node.js, MongoDB, Docker, Terraform, AWS, Azure, GCP, Prometheus, Grafana*  
Developed a cloud-native backup and recovery platform automating secure data replication across AWS, Azure, and GCP with encryption, observability, and self-healing workflows.
- **Passwordless Authentication System** - *HTML, CSS, Node.js, MongoDB Atlas, Docker, Kubernetes, Jenkins*  
Implemented passwordless login using biometrics and passkeys with CI/CD via Jenkins on AWS.
- **AWS S3 Cloud Media Gallery** - *Node.js, Express, MongoDB, AWS S3, Docker, Jenkins*  
Built a secure media gallery with JWT authentication and pre-signed S3 uploads, deployed via Jenkins.

## Education

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**Sahyadri College of Engineering & Management**

*B.E. in Information Science & Engineering — CGPA: 7.77*

2022 – 2026

*Mangaluru, India*

## Certifications

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- AWS Academy Graduate – Cloud Foundations
- Docker and Kubernetes for Beginners
- Git & GitHub Essentials
- Ethical Hacking Fundamentals (13-Module Course)

## Achievements

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- Secured 2nd place in TechVision-25 Project Expo for our major project.
- Active contributor on GitHub with multiple DevOps-focused repositories.
- Selected to present *TrustKey: Passwordless Authentication for SAP Ecosystem* at SAP HackFest 2025.