

# MAHESH DIWAN

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## Profile Summary

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Computer Science student with hands-on experience in CI/CD pipelines, containerization, and cloud deployments. Built and deployed real-world applications using Docker, GitHub Actions, and AWS. Passionate about DevOps, automation, and solving practical engineering problems.

## Education

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### Marathwada Mitra Mandal's Institute of Technology | Pune, India

Bachelor of Engineering in Computer Science

2023 – 2026 (CGPA: 8.7)

### Government Polytechnic Jalna | Jalna, India

Diploma in Computer Engineering

Jan 2021 – Jul 2023 (84%)

## Projects

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### CI/CD Pipeline – Flask App on AWS EC2

GitHub Actions · Docker · AWS EC2

- Automated Docker image build/push via GitHub Actions.
- Deployed to EC2 via SSH and containerized Flask app.
- Built a production-ready pipeline simulating real-world deployment workflow.

 [GitHub](#)

### News Website

HTML · JavaScript · NewsData API

- Built a live news portal with responsive UI and real-time API integration.
- Focused on clean UX and modular frontend structure.

 [GitHub](#)

### Chat With PDF Tool

Python · Streamlit · Hugging Face

- Built an NLP-based PDF chatbot for content extraction and interaction.
- Used Hugging Face Transformers and PyPDF2 to extract & respond to PDF content.

 [GitHub](#)

## Technical Skills

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- **Languages:** Python, C++, Golang, JavaScript
- **DevOps Tools:** Docker, GitHub Actions, AWS EC2, Kubernetes (learning)
- **Web Tools:** HTML, CSS, Bootstrap, Tailwind CSS, Streamlit