

# Mayur Dhoble

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## Profile

Recent Computer Science graduate in the field of software development , Python , AI and Data Science ,machine learning. Seeking a role where I can add my skills for real business outcomes .

## Professional Experience

### Software Engineer (DevOps Focus), *Business-Inventra* :

04/2025 – 06/2025  
Aurangabad, India

- Managed cloud infrastructure on AWS, services such as EC2 for application hosting, ECR for Docker image management, and RDS for database solutions like MySQL , Postgres.
- Maintained GitHub Actions workflows to automated build, test, and deployment processes, enabling continuous integration and delivery from source code to production saved time by 70% also performed tasks in backend like API testing .
- Collaborated with backend and frontend developers team also helped in design system workflow of application and schema of database which improved app at next level .

## SKILLS

### Technical Skills

Languages: Python, C++, SQL, Frameworks & Libraries: MCP servers, scikit-learn, TensorFlow, Keras, Langchain, Langgraph, Development: React-redux, HTML, CSS, JavaScript, Flask, Databases: PostgreSQL, MySQL Vector DB: Pinecone, Chroma-DB, Deployment AWS , Heroku, version control Git, CI-CD, API integration

### Soft Skills

Strong communication (oral & written), teamwork, problem-solving

## PROJECTS

### Auto Certificate Generation and auto Email Notification System, *Auto mail and document sender* 📄

- Designed a certificate generation system using Flask and Python's Email library where user fills Google Form and submits via Google Sheets and auto emails and PDF certificates get send to users .
- Working for hiring and educational sectors in sending mails and documents to applicants or students .
- Integrated Gmail SMTP to securely send personalized certificate emails with PDF attachments reduced time by 70% .

### Social media trend collector and new content idea generation, *Content analyzer new trend idea generator*

- Created a system which firstly collects data from the social media platform like reddit's trending posts and products using apify then top data gets stored in airtable and then LLM retrieves most useful data and then creates new ideas based on market.
- Integrated google gemini API and langchain, trend content generation, while airtable for content management, calendar scheduling, and performance feedback learning.

### Fruit Classification with Deep Convolutional Neural Networks, *Fruit Classification using CNN* 📄

- Developed a multi-class fruit image classifier using Convolutional Neural Network (CNN) in TensorFlow/Keras.
- Got 76% training accuracy on the dataset using advanced regularization dropout, batch normalization and multiple hidden layers helped in building image classification systems.

### Full-Stack-Sentiment-Analysis-Application, *Analysis of customer reviews of twitter* 📄

- Implemented, designed and deployed a sentiment analysis web app using Flask, NLTK, and Scikit-learn .
- Build a complete ML pipeline by text preprocessing, Vector Creation helped in similarity search and model building with 89% accuracy.

## EDUCATION

**Bsc-CS**, Deogiri College Chh. Sambhajinagar (Aurangabad) Maharashtra  
GPA: 7.25

06/2022 – 07/2025

**HSC-12th**, Bhagirathi Higher Secondary College, Nalegaon  
Percentage: 71.83%

06/2020 – 05/2022

**SSC-10th**, Bhagirathi Higher Secondary School, Nalegaon  
Percentage: 88.40%

06/2019 – 06/2020

## LANGUAGES

• English

• Marathi

• Hindi