

Nimisha Dadaji Majgawali

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Education

VIT Bhopal University, India

Bachelor of Technology in Computer Science & Engineering (Specialization in Health Informatics)

CGPA: 8.3/10 (Till 3rd Year)

October 2022 – May 2026

Delhi Public School, Durg, India

CBSE; AISSCE (Class 12): 94%

CBSE; AISSE (Class 10): 90%

Projects

Personalized Food Recommendation Generator

Technologies: Python, Streamlit, Machine Learning, MongoDB

- **Developed** a personalized food recommendation system that suggests **goal-specific dietary options** based on **BMI** and **caloric intake** needs.
- **Implemented machine learning models** to tailor **diet recommendations** for **weight loss**, **muscle gain**, or **maintenance**.
- **Integrated nutritional analysis** for enhanced **user-specific suggestions**.

Plant Identification using Image Processing

Technologies: Python, Machine Learning, OpenCV

- **Built** an **image processing system** powered by **machine learning** to identify various **medicinal plants** based on images of **leaves**, **flowers**, and other **plant parts**.
- Aimed to assist **conservation efforts**, **researchers**, and **herbalists** by providing **accurate botanical information**.
- **Designed and trained deep learning models** for improved **species identification**.

Secure Prescription Management Portal Technologies: Python, Web Security, MySQL

- **Designed** a **secure portal** for storing and managing prescriptions using **encryption techniques**.
 - **Implemented** a robust **authentication system** to ensure **data security**.
 - **Developed** a **user-friendly interface** for seamless **prescription management**.
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Skills Summary

- **Programming Languages:** Python, C++, Java
 - **Frontend Development:** HTML, CSS (Flexbox, Bootstrap 5), JavaScript, ReactJS, Node.js
 - **Databases:** MySQL, PostgreSQL
 - **UI/UX Design:** Figma
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Certifications

- **Applied Machine Learning in Python – Coursera**
 - **AWS Academy Graduate - AWS Academy Cloud Architecting**
 - **AWS Academy Graduate - AWS Academy Cloud Foundations**
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Soft Skills

- **Communication Skills, Problem-Solving, Adaptability, Team Collaboration**