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**.

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

Certifications

* **Applied Machine Learning in Python – Coursera**
* **AWS Academy Graduate - AWS Academy Cloud Architecting**
* **A**[**WS Academy Graduate - AWS Academy Cloud Foundations**](https://www.credly.com/badges/d9c37cb8-3e6f-4c57-bf76-19bcc03ee739/public_url)

Soft Skills

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