

Anamika Mangore

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Profile

Graduate with comprehensive knowledge of primary development and programming languages with knack of writing competent programs and make the best of any situation. A dedicated individual with a strong passion and technical acumen.

Education

Institute of Information Technology, Design and Manufacturing ,Jabalpur <i>Masters of Technology, Computer Science Engineering CGPA- 7.1</i>	<i>2023 – 2025</i>
Institute of Engineering And Technology, DAVV, Indore <i>Bachelor of Technology, Information Technology CGPA- 7.99</i>	<i>2019 – 2023</i>

Projects

Multimodal Fusion for ECG Heartbeat Classification

- Proposed and implemented two computationally efficient multimodal fusion frameworks: **Multimodal Image Fusion** and **Multimodal Feature Fusion** for ECG heartbeat classification.
- Converted raw ECG signals into **Gramian Angular Field , Recurrence Plot , and Markov Transition Field** images. .
- Achieved 99.7%accuracy on arrhythmia classification MIT-BIH dataset and 99.2% accuracy on PTB dataset

Breast Cancer Classification Model

- Developed a sophisticated machine learning model.
- Accurately distinguishes between cancerous (malignant) and non-cancerous (benign) tumor.

WhatsApp Network Analysis

- Project Objective: Explore WhatsApp network analysis using NetworkX in Python
- Analysis Focus: Node Centrality, Cliques, Degree Distribution
- Methodology: Visualization and comprehensive property analysis
- Goal: Gain insights into the structure and dynamics of the WhatsApp network

Student Record Management System

- Developed Tool: Technologies Used - **PHP, CSS, HTML, Bootstrap, MySQL database**
- Purpose : Track and record student activities in institutes

Skills

Languages: C, C++, Python, PHP , HTML, CSS,.

Coursework: Data Structures, Algorithm, Object-Oriented Programming Operating System.

Others: Git, Github, MySQL, PostgreSQL

Soft Skills: Adaptability, Time management, Teamwork, Openness, Event Handling, Leadership

Scholastic Achievements

National Service Scheme: Holds 'B' Certificate IET, DAVV 2019-2023

- Actively participated in community service, social awareness programs, and leadership initiatives.
- Contributed to environmental and social welfare activities, including blood donation drives, tree plantation, and rural development programs.

LaTeX for Engineers, : IITBombay, Completed with A+ Grade July 2020 – Dec 2020