

Kashish Bharti

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EDUCATION

B.Tech in Computer Science and Engineering (Artificial Intelligence and Data Science)

2023 – present

Dr. Vishwanath Karad MIT World Peace University, Pune

First Year - CGPA: 8.46

12th Standard

2022

Kendriya Vidyalaya No. 2 Delhi Cantt- 110010

Percentage: 88.4%

10th Standard

2020

Kendriya Vidyalaya No. 2 Delhi Cantt- 110010

Percentage: 84.6%

SKILLS

Technical Skills

- Programming Languages: Python, C, C++, JavaScript
- Web Technologies: HTML, CSS, JavaScript, WordPress
- CS Fundamentals: DBMS, OOPS, DSA
- Libraries & Frameworks: NumPy, TensorFlow, Keras, Flask, BeautifulSoup, STL, Bootstrap, MySQL
- Tools: XAMPP, Git, VS Code, Jupyter Notebook

Relevant Courses

- Database Management System (DBMS), Data Structures (DS), Object Oriented Programming using C++ (OOPs), Web Technologies, Foundations of Computer Architecture and System Design (FCASD), C Programming

PROJECTS

Deepfake Detection System (Audio/Video)

- Implemented machine learning algorithms (CNN) for detecting synthetic audio and video content.
- Used TensorFlow and Keras for real-time media authenticity verification.

Tourism Management Platform

- Developed frontend using HTML, CSS, JavaScript, and Bootstrap.
- Integrated PHP backend with WordPress for dynamic content management.

Sustainable Waste Management System

- Built platform with MySQL and Flask for efficient database management and Python-MySQL connectivity.
- Implemented data analysis features to optimize waste management.

C++ Chat Application (Socket Programming)

- Developed real-time chat app using C++ and socket programming.
- Created multi-client system with TCP/IP communication.

Crane Robot (Pick and Place Mechanism)

- Designed and programmed a crane robot using Arduino for pick-and-place operations.
- Simulated and tested the design using Tinkercad, enabling automated item handling in a controlled environment.

ACHIEVEMENTS

HackMIT24 Ideathon

2024

- **Secured Third Place** among 300+ participants from diverse academic institutions for presenting an innovative product concept focused on **reducing crime using AI**.

Solved 150+ coding problems across various platforms, enhancing proficiency in Data Structures and Algorithms. (Leetcode 50 days Badge 2024, Sep LeetCode Challenge Badge, Aug LeetCode Challenge Badge)

ROLES AND RESPONSIBILITIES

Engineering Curdles (EC), MIT-WPU Startup Company

- Hosted and managed multiple events for EC, a MIT-WPU incubated startup.
- Created engaging content to enhance brand visibility and audience interaction.

TEXEPHYR - The Technical Fest of MIT-WPU

- Designed and built a crane robot for "Planet Placement" game, and developed other tech games.
- Collaborated on event planning and game development for a diverse, engaging experience.

Event Volunteering

- Volunteered in college events like **RIDE** (Research Idea Design & Entrepreneurship) and **Texephyr**, assisting with event management and coordination.