MAHI JINDAL

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EDUCATION

VELLORE INSTITIUE OF TECHNOLOGY   **Bhopal, MP**
Bachelor of Technology   Expected May 2026
    Major in Computer Science and Engineering; Minors in Artificial Intelligence and machine learning
    Cumulative GPA: 8.23/10.0
    Relevant Coursework: Data Structure, DBMS; Operating Systems; Algorithms; Computer Networks, Machine Learning,
    Deep Learning, NLP, AI, Data Science

DELHI PUBLIC SCHOOL   **Meerut, UP**
GRADE 12 : 90%   2021 -2022
GRADE 10 : 95.6%   2019-2020

WORK EXPERIENCE   .

MACHINE LEARNING INTERN -(Unified Mentors)   remote, India
                                                                                         June 2025- sept 2025

Applied data preprocessing, feature engineering and model evaluation techniques using scikit-learn
Built machine learning models for lung cancer detection
Collaborated remotely in a mentored environment and followed an end-to-end ML pipeline

UNIVERSITY PROJECTS

AI RESEARCH PAPER   MAY 2025-PRESENT
    Developed a wearable safety device with gesture and tap-based emergency activation for rapid response.
    Integrated real-time GPS alerts and automated notifications to emergency contacts.
    Enabled seamless mobile connectivity for monitoring and device management.

MALARIA DETECTION MODEL (Toy-Inspired Model) | Python, OpenCV   JAN 2025-APRIL 2025

    Led the **hardware integration team**, ensuring functional design and component optimization.
    Directed **prototype testing and validation**, contributing to innovative hardware solutions.

ACTIVITIES

TECHFEST IIT BOMBAY
Campus Ambassador
(VIT BHOPAL UNIVERSITY)   June 2025 – Present
- Promote Techfest IIT Bombay though structured outreach and engagement within VIT BHOPAL University.
- Leveraging social media, networking and on-campus promotions for branding and awareness.

ODISHA DEVELOPMENT MANAGEMENT PROGRAMME   Meerut, UP
Fundraiser volunteer (remote)   May2025
- Assisted in raising funds for social welfare initiatives through structured outreach and donor engagement
- Managed communications and promotional strategies to maximize donor retention and engagement.

ADDITIONAL

Technical Skills: HTML/CSS; Python; Java; Pandas, Matplotlib, NumPy; VS Code; Git, GitHub, Canva, Cyber Security, Gen
Ai
Languages: Fluent in English, Hindi
Certifications & Training: Vidyarthi Certified Python; Vidyarthi Certificate Computer Vision; Nptel Certified Cyber Security
Elite+ Silver Course; Oracle University-Oracle cloud infrastructure Data Science Professional; IBM-Completion of Gen AI
using IBM Watsonx; Udemy- AI Mastery: Python's Odyssey in AI