***MAHI JINDAL***

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🔗 [GitHub](https://github.com/18mahi)

# Academic Qualifications

* **VIT Bhopal University** – B.Tech, Computer Science & Engineering (AI & ML)

Bhopal, India | **2022 – 2026** | **CGPA: 8.21/10**

* **Delhi Public School** – CBSE Meerut, India
* **10th Grade (2020):** 95.6%
* **12th Grade (2022):** 90%

# Technical Skills

* **Programming:** Python, Java (Intermediate – OOP)
* **Libraries & Frameworks:** Pandas, NumPy, Matplotlib
* **Developer Tools:** VS Code, Git, GitHub, Canva
* **Core Concepts:** Data Structures & Algorithms, Operating Systems, Object-Oriented Programming, Computer

Networks, Database Management Systems, AI & ML Fundamentals, Expert Systems & Fuzzy Logic, Neural

Networks, HCI, Data Visualization, Theory of Computation, Compiler Design, Foundations of Data Science, Discrete Mathematics, Graph Theory

# Professional Experience

**Campus Ambassador – Techfest IIT Bombay** **VIT Bhopal University** **June 2025 – Present**

* Promoting **Techfest IIT Bombay** through structured outreach and engagement within VIT Bhopal.
* Coordinating with **student communities, clubs, and faculty** to enhance event participation.
* Leveraging **social media, networking, and on-campus promotions** for branding and awareness.

**Fundraiser Volunteer – Oisha Development Management Programme** **Remote/India**

* Assisted in raising funds for **social welfare initiatives** through structured outreach and donor engagement.
* Organized **community-driven fundraising campaigns** to support underprivileged sectors.
* Managed communications and promotional strategies to maximize **donor retention and engagement**.

**Industrial Internship** – Hyderabad & Pune, India **Sep 2024 – Oct 2024**

* Engaged in industry visits at **BSNL, T-Hub, T-Works, and LT Metro** for real-world exposure.
* Worked on small-scale projects, gaining hands-on experience in AI applications within industrial settings.
* Developed a stronger understanding of **operational workflows, technological integration, and business processes**.

# Projects

**Deep Fake Image Detection** | Python, PyTorch, Machine Learning

* Designed a **deep learning model** to detect fake images using **CNN-based architecture**.
* Preprocessed and analyzed a dataset of **25,000+ images**, improving model accuracy.
* Authored a **research paper** detailing findings and methodology.

**FINBotIQ** | SQL, Python

* Developed a **finance-focused chatbot** to provide **stock market and mutual fund insights** from beginner to advanced levels.

Malaria Detection Hardware (Toy-Inspired Model) | Python, OpenCV

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

**Certifications**

**Vidyarthi Certified Python Certificate|**  **Vidyarthi Certified Computer Vision Certificate** |**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**

**EXTRACURRICULAR ACTIVITIES**

* **Leadership Role** – Led the hardware integration team in the Malaria Detection project
* **Member** – AI Club Team, VIT Bhopal University
* **Gold Medal** – Skating Hockey
* **Participant** – AdVITya (Intra-University Dance Event, Feb 2023) ,Thomso’2K23 (Inter-University Festival, IIT Roorkee, Oct 2023) , CBSE intra school Dance Competition