

# Hardik Mishra

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## Education

### VIT Bhopal University

Bachelor of Technology in Computer Science and Engineering (CGPA: 9.01/10)

Oct 2022 - May 2026

Bhopal, MP

### Macro Vision Academy

Senior School Certificate Examination (C.B.S.E Class XII) - 89 percentage

April 2021 - April 2022

Burhanpur, M.P

### Macro Vision Academy

Secondary School Examination (C.B.S.E Class X) - 84 percentage

April 2019 - April 2020

Burhanpur, M.P

## Technical Skills

**Languages:** C++, Java, Python, HTML, CSS, JavaScript, React.

**Technologies:** React.js, MongoDB, Node.js, SQL, Docker, Git.

**Tools:** TensorFlow, PyTorch, OpenCV, Google Colab.

**Concepts:** Object-Oriented Programming, Data structures and Algorithms, Cloud Computing, DBMS, Computer Network, Operating System, Basic Understanding of AWS SERVICES.

## Projects

### Carpool | React.js, Python, Docker, MongoDB, Node.js

July 2024

- Built a carpool web app with React, Tailwind CSS, and JavaScript, improving user experience.
- Implemented Python server-side logic and integrated MongoDB to manage 25+ weekly carpool rides.
- Deployed with Docker, ensuring 99.5% uptime and enhancing user experience by 40%.

### IoT Weather System | React.js, Tailwind CSS, JavaScript, Arduino, API Integration

October 2023

- Built a responsive weather app with React, Tailwind CSS, and JavaScript, delivering accurate updates to 100+ users.
- Integrated high-precision sensors for key weather parameters, ensuring 99% data accuracy.
- Created a user-friendly dashboard, boosting engagement by 30%.
- Ensured 99.9% uptime with thorough testing and deployment across 5+ locations.

### Heart Disease Prediction | Machine learning in python

Jan 2024

- Achieved 95 accuracy using Random Forest for heart disease prediction through extensive model evaluation.
- Implemented and compared 8+ ML algorithms including Naive Bayes, SVM, KNN, and ANN using Scikit-learn and Keras.
- Performed end-to-end data preprocessing, feature engineering, and hyperparameter tuning for optimal performance.

## Extracurricular, Certifications and Training

- Marketing Analytics by Prof. Swagato Chatterjee — IIT Kharagpur (NPTEL).
- Data Science Using Python Course — iamneo.
- Full Stack Developer MERN — SmartInternz.
- Experiential Learning at Hyderabad Pune: Workshops Learning related to various domains of CSE.
- Cloud Computing by Prof. Soumya Kanti Ghosh — IIT Kharagpur (NPTEL).
- Bits and Bytes of Computer Networking by Google (Coursera).

## Activities

### Gujarati Club, VIT Bhopal | Event Management

Aug 2023 - Mar 2025

- Served as the Event Lead for the club's Garba Night 2024.
- Additionally, led club activities during Advitya'25, contributing to the fest's success.

### Ramanujan Club, VIT Bhopal | Member of Research Team

Jan 2024 - Mar 2025

- Worked alongside a team to explore and analyze cutting-edge trends and technologies in the mathematics sector.
- Collaborated with a 10+ member team in the Ramanujan Club to research emerging math trends and present findings to faculty, ensuring timely completion of milestones.