

# PRAKHAR MISHRA

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## EDUCATION

**VELLORE INSTITUTE OF TECHNOLOGY, BHOPAL**  
**BTECH - Computer Science and Engineering**

Bhopal, Madhya Pradesh  
8.75 | 2026

**MARIGOLD PUBLIC SCHOOL, KATEWARA (CLASS XII BOARD)**

North-west Delhi, Delhi  
78% | April 2021

**MODEL SCHOOL, SEC-4(CLASS X BOARD)**

Rohtak, Haryana  
94.5% | April 2019

## PROJECTS

**FarmHelp | VIT Bhopal | [Link](#)**

**Present-**

Built a web app to assist farmers with crop predictions and recommendations using ML models (Random Forest, Decision Tree).

- Features include crop suggestions, market price updates, government schemes, and a chatbot for query resolution.
- Technologies: Flask, Python, Scikit-learn, Bootstrap, and APIs for real-time data.

**Heart Failure Prediction | VIT Bhopal | [Link](#)**

**February 2024 – May 2024**

- Directed a team of 5 to develop an ML model for cardiovascular risk, processing data from 1,026 patient records.
- Developed a prediction model using SVM, Logistic Regression, Decision Tree, and Random Forest with high accuracy.
- Enhanced model reliability by 30% through meticulous data preprocessing and cleaning.

**MAHI | VIT Bhopal | [Link](#)**

**Oct 2023 – Nov 2023**

- Built an AI chatbot with voice recognition and text-to-speech capabilities to provide context-aware responses based on user input.
- Technologies: Python, PyTorch, speech\_recognition library, pyttsx3 (Text-to-Speech), NLP (Natural Language Processing), JSON, Datetime module.

## SKILLS

**Programming:** Advanced in C++, Python,

**Web Development:** Skilled in HTML, CSS, JavaScript, React

**Soft Skills:** Strong leadership, event management, teamwork, and time management

**Other:** Cloud Computing, Networking, Gen AI, Machine Learning, Management.

## CERTIFICATION

**Oracle Cloud Infrastructure 2024 Generative AI Certified Professional**

Oracle • 2024

**Cloud Computing**

NPTEL • 2023

**Python Essentials**

Vityarthi • 2022

## POSITIONS OF RESPONSIBILITY

**THE MICROSOFT CLUB**

Event Co-ordinator

Organized 4 annual events, boosting participation by 25%, while managing media production and enhancing engagement through strategic communication and social media.

**VIT Bhopal**

April 2023 – Aug 2024

**Coding Jr**

AI-Research Intern

As an AI Research Intern at Planto.ai, I contributed to developing enterprise-grade Copilot solutions tailored for leading fintech clients.

**Online**

1st Feb 2025–30<sup>th</sup> April 2025