

# Vedant Agarwal

## Student

✉ vedant.agarwal312@gmail.com

☎ 9711390266

📍 Bangalore, Karnataka



### PROFILE

Driven by curiosity and a diverse skillset, Vedant translates creativity into execution through technical expertise in web development, AI/ML, and Python. Leadership honed through entrepreneurship and social work ensures collaboration and results. A confident communicator with public speaking experience, he's eager to contribute to your team's success with diverse skills and a relentless learning spirit.

### EDUCATION

2023 – 2027  
Manipal, India

**BTech Computer Science and Financial Technology**  
*Manipal Institute of Technology*

### SKILLS

Python

C++

Data Science

MySQL

Frontend Development

Generative AI and Prompt Engineering

Microcontrollers

Computer Vision

UI/UX Design

Critical Reasoning

Public Speaking and Communication

### CERTIFICATIONS

- Supervised Machine Learning: Regression and Classification by Stanford
- Generative AI for Everyone by DeepLearning.ai
- The Complete 2023 Web Development Bootcamp by Angela Yu
- Python for Data Science, AI & Development by IBM

## PROFESSIONAL EXPERIENCE

October 2023 –  
Present  
Manipal, India

### **Manas**

*Machine Learning Trainee*

- Built Mini-projects based on several types of machine learning and data science algorithms utilizing Python and its libraries
- Learnt the process of data cleaning and preprocessing and version control along with GitHub
- Explored and learnt the math involved in Machine Learning practices
- Completed on-the-job training sessions and demonstrated learned skills to supervisors.
- Demonstrated ability to work independently and as part of a team, while managing multiple tasks simultaneously.

August 2020 –  
October 2021  
Bangalore, India

### **HelpCreate**

*Co-Founder*

- Developed a non-functional prototype web application using HTML, CSS, JavaScript, and React.
- Created financial models for decision-making purposes such as cost-benefit analysis or return on investment analysis.
- Identified areas of improvement within existing processes and systems while developing solutions designed to maximize efficiency.
- Organized team meetings and facilitated discussions regarding strategic initiatives between internal teams and external stakeholders.

September 2023 –  
January 2024  
Manipal, India

### **ERS Eventers**

*Client Relationship Intern*

- Gained experience, exposure, and knowledge of career-specific procedures and systems, including the internal work required in a startup.
- Developed strong organizational and time management skills by completing multiple tasks simultaneously.
- Participated in client meetings and team discussions and offered feedback.

## VOLUNTEER EXPERIENCE

September 2023 –  
Present  
Manipal, India

### **Ada Dramatics**

*Cast member*

- Performed a street play to spread awareness about mental health among students welcoming themselves to their new lives in college
- Achieved 1st Place nationally through teamwork, collaborative effort, and communication skills

June 2022 – June 2023  
Bangalore, India

### **Rotary International**

*Club Service Head*

- Planned activities for the social service team and ensured collaboration and discussion among the teammates

August 2020 –  
March 2021  
Bangalore, India

**Online**  
*Teacher*

- Motivated and engaged students, developing skills and knowledge for computers and programming.
- Taught basic and intermediate level python to juniors along with a peer on a weekly basis.

## PROJECTS

November 2023 –  
January 2024

**Portfolio Website**

- Built and launched a personal portfolio website showcasing skills and experience, enhancing online presence, and attracting new opportunities. Utilized HTML, CSS, and JavaScript for the same.

June 2022 –  
August 2022

**Image Recognition Drone**

- Developed an AI-powered UAV that autonomously navigates and identifies real-time objects in its field of view, streamlining data collection and analysis.

October 2021 –  
June 2022

**Synthesis of Am Research Paper**

- Contributed to a research paper to be presented at CERN for a competition called beamline4schools
- Learned the procedural method to write a research paper and applications of LaTeX.

## INTERESTS

- |                   |                    |                          |
|-------------------|--------------------|--------------------------|
| • Mathematics     | • Entrepreneurship | • Music Production       |
| • Debate and MUNs | • Videography      | • Video Game Development |