

# Vansh Dhir

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## Education

**MRIIRS, Faridabad, Haryana**

October 2020 - Graduating 2024

Bachelor of Technology(B.Tech) in Computer Science and Engineering | **SGPA: 7.0**

Coursework: Data Structures and Algorithms, Algorithm Design & Analysis, Database Systems,  
Computer Networking, Artificial Intelligence, Object Oriented Programming

## Skills

### Languages:

Python, C++, SQL, HTML, JavaScript, Python, C, Java

### Technologies & Tools:

Django, Git, Linux, AWS, Raspberry Pi, Heroku, React Js, Next Js, Node Js

### Certifications:

Cognitive Class.AI:Blockchain Essentials.  
Cognitive Class.AI Python for Data Science.  
Linkedin Learning: AI and Bussiness Strategy.  
Linkedin Learning: Creating your personal Brand.  
Udemy: HTML, JavaScript, & Bootstrap - Certification Course.

## Work Experience

### Mittvaanee

September 2023 - December 2023

#### **Chief Technology Officer**

*Web Development, App Development, Azure Technologies*

- Oversaw technical aspects of the startup, including web and app development, and implementation of Azure technologies.
- Contributed to the development of solutions aimed at helping farmers analyze soil for better nutrition management.

### Brain O Vision Solutions Pvt Ltd

June 2022 - July 2022

#### **Machine Learning Engineer Intern**

*Python, Pandas, Matplotlib, seaborn*

- Learnt about the various technologies they use and work with.
- Developed the mobile price classifier for their organization.

### Aara Associates

Aug. 2021 - Sep. 2021

#### **MERN Stack Developer Intern**

*JavaScript, Node.js, Express.js, MongoDB, AWS*

- Developed the company's website.
- Implemented algorithms to send personalized property recommendations via email to customers based on their viewing history and behavior.

## Projects

### AI Water Footprint Calculator

#### **AI-powered water footprint calculator**

- Developed an AI-powered water footprint calculator capable of analyzing various objects.
- Implemented object scanning using a camera to determine the water footprint of objects.
- Provided functionality to calculate the water footprint of vegetables, grains, and nuts.
- Implemented using Python and Django.

### Leaf Disease Detection

#### **Automated leaf disease identification system**

- Developed an algorithm to automatically identify diseases on leaves.
- Utilized image processing techniques requiring a photo of the leaf for diagnosis.
- Implemented using Python programming language.

## **Smart Advertisement Drone**

### ***Innovative drone-based advertising solution***

- Developed a pioneering solution for the advertising industry.
- Facilitated projection of advertisements on screens using a smart drone.
- Delivered cost-effective advertising opportunities.
- Implemented using Arduino for hardware and smartphone/laptop for control.

## **Mobile Price Classifier**

### ***Machine learning-based mobile price prediction system***

- Developed a machine learning algorithm to predict the price of mobile phones based on their specifications.
- Utilized Python libraries including Pandas, Matplotlib, and Seaborn for implementation.

## **File-Fashion**

### ***File sharing application with Node.js and MongoDB***

- Developed a secure file sharing application using Node.js, Express.js, and MongoDB.
- Enabled users to upload, download, and share files via email links.

## **Personal Profile and Achievements**

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- Recognized as a Semi-finalist at the DPBH Hackathon.
- Secured a place in the grand finale of SIH 2023 at VBIT Hyderabad.
- Secured second place in the Code Innovation Series (CIS) Hackathon
- Creative Director for various college events, including Bug Smash Code, Anubhuti, Innoskill, Creative Thinking, and the International Symposium.