



# SINDHU PABOLU

## CONTACT

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**Date of birth:** 3rd April, 2003

**Nationality:** US Citizen

## SKILLS

- Artificial Intelligence
- C,C++
- Database Management
- Java
- Machine Learning
- Python (Django, Flask, Pandas)
- Web Development both frontend and backend
  
- Communication
- Logistics Management

## CERTIFICATES

- Agile job simulation by JPMC
- Applying AI principles with Google Cloud
- Basics of UI / UX
- ChatGPT for Everyone
- Databricks Generative AI Fundamentals
- Data Analysis using Microsoft Excel
- Introduction to Responsible AI
- Introduction to Graphic Design
- Introduction to Cyber Security
- Introduction to MongoDB
- Introduction to SQL
- Machine Learning
- Microsoft Azure Administrator Associate
- Python Programming
- TCS iON Career Edge - Young

## PROFILE

As a fourth-year computer science engineering student with stellar academic performance, I'm driven to further expand my expertise in this field. With a strong work ethic, I'm confident in achieving my goals and making significant contributions while continually learning and growing.

## WORK EXPERIENCE

### INTERN

#### **Insource Software Solutions Pvt Ltd.**

*October 2023 - December 2023*

Worked on Human Resource management system using Django Python for Medicover Hospitals. Created an interface using tools such as Flask and Pandas in Python to automate data extraction. Also have used SQL to write queries for analyzing and organizing the data.

### INTERN

#### **Oasis Infobyte**

*October 2023 - November 2023*

Worked on the front-end development of websites. Gained skills in HTML, CSS, and JavaScript during this period. Also understood the importance of good UI designs as well as accessibility guidelines.

## CLUBS AND CHAPTERS - CONTRIBUTIONS

### **VIT Anchoring Club**

Anchored several college events which helped me in developing my leadership and team management abilities. This club also made me to improve my communication skills. And as the head of operations and logistics, I also served on the board.

### **VIT Community Radio**

I'm quite excited, RJ. on our campus radio, where I presented few shows. Also participated in a variety of social initiatives to benefit the community.

### **Ayuda NGO**

Initiated several efforts to address societal issues like education outreach, infrastructure development in schools, and many more. Additionally, got opportunity to compete on behalf of my club at BITS Hyderabad Mantan'23 - proud to have won second place for the topic on discrimination in higher education institutions.

## EDUCATION

### Higher School

2018 - 2019 | CGPA: 9.2

Vikas The Concept School, Hyderabad, India

### Higher Secondary School

2019 - 2021 | CGPA: 8.7

Vikas The Concept School, Hyderabad, India

### Bachelors

2021 - 2025 (*Ongoing*) | CGPA: 8.05

Computer Science Engineering

Vellore Institute of Technology (VIT)

## LANGUAGE

- French
- English
- Hindi
- Telugu

## HOBBIES

- Mandala art
- Playing badminton
- Watching tennis
- Traveling
- Gardening

## OTHER ACTIVITIES

- Tree plantation drive
- Visited orphanages and old-age homes
- Interacted with inmates at juvenile home
- Volunteered at the BFSI consortium Hyderabad
- Attended a workshop at Telangana SCSC on cyber security
- Won several prizes in athletes during school days

## PROJECTS WORKED ON

### LIBRARY MANAGEMENT SYSTEM

Developed a website to replace all manual paperwork in a library. This application allows administrators to add / inactive new books and keep track of the inventory. Through the customer login, users can borrow or return books as well as register as a new member.

**Skills used** - Python, Django, HTML, CSS, MySQL

### LANDING PAGE

Created landing pages which are the most important for any website to attract users. During this project, I learned the legal laws and privacy policy which vary from country to country.

**Skills used** - HTML, CSS

### EXPENSE TRACKER

Made an expense tracker to track monthly expenses. This tracker allows you to enter both debit and credit amount and displays profit or loss month wise.

**Skills used** - Python, Django, HTML, CSS, MySQL

### TEMPERATURE CONVERTER

Developed a simulator for temperature conversion from one metric to another.

**Skills used** - HTML, CSS, JavaScript

### HOUSE COST ESTIMATION

This is a team work, we published a paper on house cost estimation using Machine Learning. This focuses on effective budget planning and project management. To obtain accurate results, we employed various regression techniques and trained the datasets extensively.

**Skills used** - Python, Machine Learning, Data visualization, Pandas

### VEHICLE RENTING APPLICATION

We developed a vehicle renting application, integrating various features such as in-app messaging, emergency assistance, multilingual support, automated renting operations, auto-fill for rental / customer details, feedback, and password reset. Through this project, we gained a comprehensive understanding of the project lifecycle, utilizing planning tools and scheduling tasks accordingly. We also conducted both manual and automated testing to ensure the application's functionality and reliability as per requirements.

**Skills used** - HTML, CSS, JavaScript, Django, Python, MySQL, ProjectLibre, Star UML

### CLONE OF A WEBSITE

Developed a clone of the Zomato website to enhance my skills and familiarize myself with its comprehensive features. This project involved replicating the user interface and functionality of the original site, including restaurant listings, user reviews, search and filter options, and online ordering capabilities. Through this process, I gained a deeper understanding of UI design and development

**Skills used** - HTML, CSS