

# PRAVALIKA VEMULA

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## Objective

Motivated and enthusiastic student of Bachelor of Technology specializing in Information Technology, with a strong foundation in software development. Experienced with various programming languages and environments. Seeking an internship opportunity to apply my technical knowledge and problem-solving skills in a practical environment and Aspiring software engineer currently pursuing bachelor's Information Technology.

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## Education

### CMR Engineering College.

Hyderabad, India

Bachelor of Technology in Information Technology,  
CGPA: 9.46/10

2022-2026

### SR Junior College.

Karimnagar, India

Intermediate(State Board), MPC,  
Percentage: 96.4/100

2020-2022

### Manasa High School.

Jagtial, India

SSC,  
CGPA: 10/10

2019-2020

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## Skills

**Programming Languages:** C/C++, Python, HTML/CSS, SQL, Java.

**Technologies:** Power BI, Git & GitHub

**Operating Systems:** Windows.

**Development Tools:** Visual Studio Code, Google Colab, Jupyter Notebook, Power Bi

**Soft skills:** Communication, Problem solving, Teamwork, Adaptability, Time Management

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## Training & Certificates

### TCS ion

Certification of Achievement for completing TCS ion Carrer Edge

### Skill India digital

Certification of Participation for completing Web Design & Development

### Java Training

Offered by Spoken Tutorial project, IIT Bombay

### Python 3.43

Offered by Spoken Tutorial project, IIT Bombay

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## Projects

- **Student Database Management System:** Developed a student database management system using SQL to efficiently handle student records at school.
- **3D Model using Flutter:** Designed an 3D Model (3D Graphics) using Dart programming in the Android Studio.
- **IPL Project (Solar Tracker):** Developed an embedded system using sensors to maximize the solar energy generation for sustainability of Renewable resource in an eco-friendly environment.
- **Case study on Mental Health:** Designed a Software Engineering application to study about the Mental Health.
- **Payment Receipt using Python:** Creating a Payment Receipt application using Python which give payment receipt in the form of pdf.
- **Diabetes Predication:** Analyzing the diabetes dataset with help of the Artificial Intelligence algorithms using the Python packages pandas and numpy in Google Colab.
- **Packet Analyzer:** A network Sniffer is a software tool that monitors and analyzes the network traffic using C in Computer Networking.

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## Internships

Tata Group Data Visualization: Empowering Business with Effective Insights is a Virtual Internship done by the help of Power BI.

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## Achievements

- Won first position with outstanding Academic Performance during the academic year 2022-2023(1st -year) with MERIT certificate with cash price of Rs.5000.
- Won 3rd position in Future Thinkers Event held on 13th December 2023 for innovative future idea conducted at the department of Information Technology in the college.

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## Interests

Drawing, Mining in Digital currency, Travelling, Gaming, Gardening, Designing & editing photos and video in Canva .

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## Languages

English, Telugu, Hindi.

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