

# Pranav Vedula

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Pranav\_Vedula

## Profile Summary :

Aspiring Computer Science professional and second-year Engineering student with global certifications in Microsoft Excel and Microsoft Power Platform, supported by strong hands-on skills in **C, C++, Java, Python, and Advanced Data Structures & Algorithms (ADSA)**. Proficient in **Oracle Database, Oracle SQL, MySQL and PL/SQL**, with practical experience in **Agile Software Engineering methodologies** and **Object-Oriented Programming concepts**. Possess foundational experience in **Web Development** and **MERN Stack technologies (MongoDB, Express.js, React.js, Node.js)**, along with **Java Swing** for desktop-based applications and working knowledge of **HTML, CSS, and JavaScript**. Additionally familiar with **Microsoft Power BI (Basics)** for data visualization and analysis. Seeking an opportunity to contribute to a forward-thinking organization where I can apply my technical and analytical abilities to real-world challenges, learn from industry professionals, create value for the organization, and accelerate my overall professional growth.

## Skills :

**Programming Languages :** C , C++, Python, Java, OOPS, ADSA

**Database :** Oracle Database, Oracle SQL,PLSQL ,MySQL

**Web Development :** HTML, CSS, JavaScript, MERN Stack (MongoDB, Express.js, React.js, Node.js) – *Basics*

**Tools :** Microsoft Excel , Microsoft Power Bi(Basics).

**Strengths :** Quick Learner & self-Motivated, Good communication and presentation skills, Ability to learn and adapt to new technologies

## Certifications :

- [Microsoft Certified: Excel 2019 Associate](#)
- [Microsoft Certified: Power Platform Fundamentals](#)
- [Cisco NetAcad C essentials 1](#)
- [Cisco NetAcad C essentials 2](#)
- [HackerRank SQL Basics , Problem solving basics](#)
- Oracle Academy – Database Foundations

## Education

### Aditya University

Bachelor of Technology in Computer Science and Engineering

CGPA: 7.90(Till Date)

2024 – 2028

Surempalem, Andhra Pradesh

### Aspire Junior College(Aakash Institute)

Intermediate, MPC

TG State Board

Percentage : 64.5%

2022 – 2024

Kukatpally, Hyderabad

### Meridian School Madhapur

10th CBSE

Percentage : 69.5%

2012-2022

Madhapur, Hyderabad

## Project Highlights from Training

### 1. Attendance Scanner - [live website](#)

Dec-2025

Developed a **QR-based Attendance Scanner System** for Aditya University using **HTML, CSS, and JavaScript** integrated with the **html5-qrcode** library. The system scans student QR codes to automatically capture and record **Roll Number, Date, and Time**. Attendance data is dynamically displayed in a structured table on the webpage and can be **exported as an Excel file** for record-keeping and further analysis, reducing manual effort and improving accuracy. **Technologies Used:** *HTML,CSS,JS* [Link](#)

### 2. Hospital Management system (console application)

Nov-2025

Designed a **role-based Hospital Management System** in **C++** using **OOP principles**, featuring **Admin, Doctor, and Patient modules**. Implemented **secure authentication, doctor management, patient records, and real-time appointment scheduling**, utilizing **STL containers** for efficient data handling and applying **encapsulation and abstraction** for a structured, maintainable design. [Link](#)

### 3. Sales Dashboard

: Designed a Power BI Sales Dashboard enabling real-time analysis of **sales trends** and top-performing categories through dynamic filtering and KPI-driven visualizations. [Link](#)

Technologies Used: Power BI, Excel, DAX, Power Query

**Coding Profiles :** [HackerRank](#) [CodeChef](#) [LeetCode](#) [GitHub](#)