PIYUSH SANWALE

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EDUCATION

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE ENGINEERING
MADHAV INSTITUTE OF TECHNOLOGY AND SCIENCE, GWALIOR (M.P.)   **2021-2025 | CGPA: 7.57**
XII (M.P), SHREE JEE ENGLISH ACADEMY, SATWAS, DEWAS (M.P.)   **2021 | 79.9%**
X (CBSE), CHAMPION INTERNATIONAL SCHOOL, PALASI, SATWAS, DEWAS, (M.P.)   **2019 | 84.6%**

PROJECTS

Control My Cash, a CPP bank management system that supports account management for both customers and employees. The application includes features such as account creation, fund transfers, and loan applications for customers, and account updates and deletions for employees. Key functionalities include persistent data storage and a minimum balance enforcement to prevent overdrafts.

ConnectSphere, MongoDB | Express.js | React.js | Node.js | a web-based social media application using the MERN stack . This platform supports user profiles, post creation, and social interactions. It is deployed on Vercel for the front-end and DigitalOcean for the API, with a well-structured MongoDB schema ensuring efficient data management and seamless user experience.

LIBRARY MANAGEMENT SYSTEM, HTML | CSS | PHP | SQL his project is a web-based application developed using HTML, CSS, Bootstrap, and PHP. It allows administrators to manage books in the library and provides users with a dashboard to borrow and return books. The system ensures seamless organization and accessibility of library materials, enhancing overall library operations and user-friendly.

Emergency Ambulance Booking System, HTML | CSS | BOOTSTRAP | PHP | MySQL using HTML, CSS, Bootstrap for the front-end, PHP for the back-end, and MySQL for the database. This web-based system streamlines the ambulance request process, enabling users to quickly request an ambulance during emergencies. It assists dispatchers in prioritizing calls, tracking ambulance locations, and efficiently allocating resources. By automating these tasks, the system ensures timely medical assistance, thereby improving healthcare outcomes and potentially saving lives.

TECHNICAL SKILLS

- **LANGUAGES**: C, C++, PYTHON, SQL , JavaScript
- **IT Constructs:** Data Structures and Algorithms, Object-Oriented Programming (OOP), Operating Systems, Database Management Systems (DBMS), Computer Networks, Cloud Computing, Data Science, Digital Image Processing, Networking
- **WEB DEVELOPMENT AND DATABASE**: HTML5, CSS3, React, Javascript ,MYSQL, Tailwind CSS, Bootstrap
- **DEVELOPMENT TOOLS**: Microsoft Visual Studio, GitHub

ACHIEVEMENTS

- **Solved over 250 problems across various platforms including Leetcode, Codechef, and Hackerrank**
- **4 ★ Rank in C++ on Hacker Rank.**
- **Vice Chairperson** of **GeeksforGeeks Student Chapter, MITS**
- C programming and Assembly Language, **NPTEL.**
- **HR conclave** Participation certificate