



SUNDARESAN M W

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EDUCATION:

Sri Eshwar college of engineering	CGPA	7.18	2023-2027
Sri Sundareswara Vidyasala Matric Hr Sec School	HSC	77%	2020-2022
Sri Sundareswara Vidyasala Matric Hr Sec School	SSLC	64%	2019-2020

CERTIFICATIONS:

Front End Development HTML-Great Learning
The complete python Bootcamp from Zero to Hero in python-Udemy
Introduction to C-sololearn
Mastering Data Structures and algorithms using C and CPP-Udemy
Programming Fundamentals using Python-Infosys

ACHIVEMENTS

LeetCode: Solved 45+ problems

CodeChef: Solved 62+ problems

HackerRank: C, PYTHON Silver Badge Equipped

C++ Gold Badge Equipped

Java Bronze Badge Equipped

SkillRack:Solved 450+ problems

PROJECTS:

Restaurant Billing System

Programming Language: C

Description: A console-based restaurant billing application was developed to simplify the order processing and billing tasks.

Key Features: Provided users with the ability to add and manage menus, orders, and customer information. Automated calculations of total bills with included taxes and discounts.

Included error handling for user input with free flow in execution.

Key Achievements: Structured and modular approach towards billing was improved, with resultant efficiency. It is structured programming with a design guaranteeing code reusability and readability. Working directly on arrays, file handling, and input/output operations in C is a valuable gain.

Technical Skills : Proficient in problem-solving using C. Practical experience of developing real-world applications for industry-relevant scenarios.

Health Assist

Developed a comprehensive Health Prediction system designed to provide instant health guidance and online consultations for users needing immediate medical assistance. This intelligent healthcare platform includes an AI-powered chat feature for real-time support, allowing users to discuss their health concerns and receive automated guidance when doctors are unavailable. The system also incorporates secure doctor-patient chat functionality, facilitating direct communication with

healthcare professionals as needed. Additionally, automated email generation ensures users receive timely notifications and follow-up communications, enhancing the overall accessibility and efficiency of the healthcare experience. This project demonstrates an integration of AI and communication tools to deliver a seamless, supportive solution in healthcare.

Teck Stack: HTML, CSS, JavaScript, MySQL, Php.

HOSPITAL PATIENT MANAGEMENT SYSTEM

A hospital patient management system was developed in Java using JDBC to maintain a seamless database connectivity system. The application efficiently manages the information of patients, admissions, and discharge records and uses the inheritance mechanism to distinguish between In Patients and Out Patients. Core classes are Patient, Doctor, and Admission, with further support in medical history, prescriptions, and billing. Databasing is handled with very well-structured tables for Patients, Doctors, Admissions, Medical History, Prescriptions, and Billing ensuring high integrity and scalability of data. The system is implemented in multithreading for concurrent admissions to improve system performance. The system implements a user-friendly interface for administering patient records and modular code architecture, separated into classes for JDBC connectivity and MySQL table operations, promoting maintainability and scalability.

SKILLS

Languages: C,C++,Python, JavaScript, CSS, HTML