

TANNIRU MAHESH

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Education

CMR College Of Engineering & Technology

B. Tech in Computer Science and Engineering GPA: 8.38

Oct. 2021 – July 2025

Bhavans Sri Aurobindo Junior College

Intermediate (MPC) GPA: 9.62

July 2019 – March 2021

Skills

Programming Languages: C, C++, Java, Python, JavaScript.
Software Development: HTML, CSS, React js.
Developer Tools: Git, Github, VS Code, Jupyter Notebook.
Databases: mysql, mongodb.

Projects

DIABETES PREDICTION USING MACHINE LEARNING WITH PYTHON

November 2023

- Achieved accurate predictions for diabetes presence by experimenting with various SVM kernels and optimizing hyperparameters
- Optimized hyperparameters for support vector machine (SVM) models through rigorous experimentation with diverse kernels; achieved accurate results in predicting diabetes presence, significantly enhancing healthcare decision-making processes.

REAL-TIME WEATHER DASHBOARD USING REACTJS

April 2024

- Developed a responsive Weather Application using React.js that allows users to search for weather conditions in different cities.
- The application fetches real-time data from the OpenWeatherMap API, displaying key weather indicators such as temperature, humidity, and wind speed.
- Implemented error handling for API requests and ensured a user-friendly interface with dynamic weather icons.

PERSONALIZED MEDICAL RECOMMENDATION SYSTEM

August 2024

- Developed a personalized medicine recommendation system using machine learning and Python.
- The system predicts diseases based on patient symptoms and provides tailored recommendations for medications, precautions, workouts, and dietary changes.
- Utilized real-world datasets to train the machine learning models and create a user-friendly interface for interacting with the system.

Achievements & Certifications

Buds To Business 2023 - Won the buds to business 2023 for creating a web based application

Hack IT'22 - finalist in a National Level 24 hour Hackathon

Crash Course On Python [link](#)

Foundations Of Cybersecurity [link](#)

