

THIRUVEEDHULA LOK VINAY

Kadapa, Andhra Pradesh

+91-8886665093 thiruveedhulaloki@gmail.com
LeetCode GitHub LinkedIn Portfolio

OBJECTIVE

Motivated and goal-oriented engineering student with solid programming fundamentals and a passion for developing efficient, user-centric software solutions. Eager to contribute to impactful projects and add value to a dynamic tech team while continuously advancing my technical skills.

EDUCATION

Gokaraju Rangaraju Institute of Engineering and Technology
B.Tech in Information Technology — CGPA: 8.38

2022 – Present
Hyderabad, India

Narayana Junior College
Intermediate (MPC) — Percentage: 89.3%

2020 – 2022
Kadapa, Andhra Pradesh

ACADEMIC COURSEWORK

- Artificial Intelligence
- Machine Learning
- Operating Systems
- Data Structures & Algorithms
- DBMS
- Data Warehouse
- Data Mining
- Statistics

TECHNICAL SKILLS

Languages: Java, C

Database: MySQL

Web Technologies: HTML, CSS, JavaScript

PROJECTS

Agribot: An AI-Powered Crop Recommendation System

Developed a web application using Flask, React.js, Random Forest (Scikit-learn), and OpenWeatherMap API for real-time crop recommendations. Utilized a Random Forest model to classify soil parameters (Nitrogen, Phosphorus, Potassium, pH) and integrated live weather data (temperature, humidity, rainfall) for context-based crop suggestions. Enabled user interaction through a React.js interface, with API requests processed via Flask for accurate predictions.

Doctor Appointment System

Developed a responsive hospital website using HTML, CSS, JavaScript, PHP, and MySQL for efficient appointment scheduling. Enabled users to easily book, manage, and receive confirmation for appointments through a fully responsive interface compatible with both desktops and mobile devices. The website features multiple sections, including Home, About, Services, Doctors, Appointment, Reviews, and Blogs, ensuring a comprehensive user experience. Implemented server-side scripting with PHP and utilized MySQL for secure data handling and storage of appointment details and user information.

CERTIFICATIONS

- Introduction to Data Science – NPTEL
- User-Centric Computing for Human-Computer Interaction – NPTEL

ACHIEVEMENTS

- Participated in AWS Cloud Essentials and Generative AI Bootcamp
- Awarded Bronze Certificate on Smart Interviews DSA platform