THIRUVEEDHULA LOK VINAY

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OBJECTIVE

To contribute to future projects where curiosity meets code, blending analytical precision with creative problem solving to build solutions that not only work but inspire. Seeking to grow in a dynamic environment that values learning as much as delivering impact.

EDUCATION

Gokaraju Rangaraju Institute of Engineering and Technology **2022 – present**
*B.Tech In Information Technology - **8.38*** *Hyderabad, India*

Narayana Junior College **2020 - 2022**
*Intermediate - **89.3%*** *Kadapa, Andhra Pradesh*

ACADEMIC COURSEWORK

- Artificial Intelligence
- Machine Learning
- Operating Systems
- Data Structures & Algorithms
- Database Management System (DBMS)
- Data Warehouse
- Data Mining
- Statistics

TECHNICAL SKILLS

Languages: Java,C
Databases: SQL
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 Datascience - NPTEL
- User-centric Computing For Human-Computer Interaction - NPTEL

ACHIEVEMENTS

- Participated in AWS Cloud Essentials and Generative AI BootCamp
- Secured a Bronze Certificate on Smart Interviews, a renowned DSA learning platform.