Rupesh Maddala

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SKILLS

Languages:	C++, DSA, Java, Python
Frameworks:	HTML and CSS
Tools/Platforms:	MySQL, Oracle, Linux
Soft Skills:	Problem-Solving Skills, Project Management

PROJECTS

Created a booking management: Jan2024 – Mar2024

➢ Developed a responsive Booking Management System using HTML, CSS, and JavaScript, ensuring a seamless user experience across all devices (mobile, tablet, desktop).
➢ Designed a user-friendly booking form featuring input fields, date selection, and service options, allowing users to easily book appointments.
➢ Implemented a booking confirmation page to display detailed booking information, enhancing the transparency and usability of the system.
➢ Utilized CSS Flexbox and Grid for creating a modern, responsive layout that adapts efficiently to different screen sizes and resolutions.
➢ Integrated MySQL database to securely store user booking data, ensuring quick retrieval and updates in real-time.

Created Rock, Paper and Scissors: *Apr 2023 – Sep 2023*

➢ Developed a Rock, Paper, Scissors game using HTML, CSS, and JavaScript for the frontend, providing a smooth and interactive gaming experience.
➢ Implemented AI logic for the single-player mode, allowing users to play against the system with randomized outcomes based on predefined rules.
➢ Integrated Node.js for backend development, handling real-time gameplay logic, user interactions, and score updates.
➢ Used MySQL database to store game data, including player scores, historical game outcomes, and user preferences for personalized gameplay.

Plant Disease Prediction System: Jan 2023 - Mar 2023

➢ Developed a Plant Disease Prediction System leveraging PyTorch to train and deploy deep learning models for accurate plant disease classification.
➢ Trained a convolutional neural network (CNN) on large plant disease datasets, achieving high classification accuracy for identifying affected plant species.
➢ Built a full-stack MERN (MongoDB, Express.js, React, Node.js**)** web application, enabling real-time plant disease detection through a user-friendly interface.
➢ Integrated the trained CNN model with a React-based UI, allowing users to easily upload plant images for immediate disease prediction results.

CERTIFICATES

➢ Introduction to Cybersecurity Tools & Cyber Attacks, issued by (IBM).   Dec 2024
➢ Digital Forensics Essentials (DFE), issued by (EC-Council.   Mar 2024
➢ Fundamentals of Management, issued by (Coursera).   Nov 2022

ACHIEVEMENTS

Participates in a leetcode:
Solved problems on leetcode.

Participated in hacker rank:
Sacred silver in java, gold in python.

EDUCATION

Lovely Professional University   Punjab, India
Bachelor of Technology - Computer Science and Engineering;   Since October 2022

Gravity junior College   Visakhapatnam, Andhra Pradesh
Intermediate   April 2020 - March 2022

Bhashyam high school   Visakhapatnam, Andhra Pradesh
High School   April 2019 - March 2020