

## Rupesh Maddala

Visakhapatnam, Andhra Pradesh, 530001

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### Projects

#### Created booking management

Jan2024 – Mar2024

- Developed a responsive Booking Management System using HTML, CSS, and JavaScript, ensuring a user experience across all devices.
- Designed a user-friendly booking form featuring input fields, date selection, and service options, allowing users to easily book appointments.
- Utilized CSS and java Script for creating a modern, responsive layout that adapts efficiently to different screen sizes and resolutions.
- Tech: HTML, CSS, Java script.

#### Plant Disease Prediction System

Apr 2023 – Sep 2023

- Developed a Plant Disease Prediction System leveraging PyTorch to train and deploy deep learning models for accurate plant disease classification.
- Trained a conventional neural network (CNN) on large plant disease datasets, achieving high classification accuracy for identifying affected plant species.
- Integrated the trained CNN model with a React-based UI, allowing users to easily upload plant images for immediate disease prediction results.

### Training

Data Structures Algorithms |Chiper Schools

Mar 2024 – Jul 2024

- Learned Data Structures Algorithms using c++ and java for two months as a part of summer training internship.
- Gained hands-on experience in solving real-world problems using core data structures like arrays, linked lists, stacks, queues, trees, and graphs.
- Applied advanced algorithmic techniques such as recursion, backtracking, dynamic programming, and greedy algorithms to optimize problem-solving
- Improved time and space complexity of existing solutions by applying optimal algorithms and data structures.

### 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 2023

### Technical Skills

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

### Education

#### Lovely Professional University

Bachelor of Technology - Computer Science and Engineering

Punjab, India

Since October 2022

#### Gravity junior College

Intermediate

Visakhapatnam, Andhra Pradesh

April 2020 - March 2022

#### Bhashyam high school

High School

Visakhapatnam, Andhra Pradesh

April 2019 - March 2020

