

MANOJ SRI SAI BODAPUDI

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Highly motivated and skilled computer science student with a passion for developing innovative software solutions. Proficient in various programming languages including C, C++, Python, Java and JavaScript, Html/CSS, Git/GitHub, Full stack development with a strong foundation in data structures and algorithm design and Machine learning. Eager to contribute to a dynamic team and apply problem-solving skills in a collaborative environment.

EDUCATION

October 2022 – Present

Bachelor of Technology in Computer Science Engineering, Core | Amrita Vishwa Vidyapeetham

- Creative team member of college Techfest – Tantrotsav'23
- CGPA: 8.79

June 2022

12th Class, CBSE | Dr. KKR's Happy Valley School

- Percentage: 89%

March 2020

10th Class, CBSE | Dr. KKR Gowtham International School

Percentage: 89%

SKILLS

- Full Stack Development (MERN)
- Data Structures and Algorithms
- Working with GitHub
- Project Management
- Database Management System
- Effective Time Management
- Machine Learning
- Object-Oriented Programming.
- C++ / Java / Python
- Api Integration
- Communication Skills
- Ability to Work in a Team
- Leadership Skills

EXPERIENCE

April 2024 – June 2024

Web Developer Intern | South Central Railway | Vijayawada, India

During my internship at South Central Railway as a web developer, I have implemented a comprehensive website for a hospital, enabling patients to book appointments and allowing admins to manage daily schedules. Additionally, I contributed to the enhancement of the existing employment pay slip management system, ensuring efficient and accurate payroll processing.

PROJECTS

Wanderlust

Replica of Airbnb | Full Stack Major Project with Deployment

Developed and deployed a full-stack replica of Airbnb using the MERN stack (MongoDB, Express.js, React, Node.js), utilizing MongoDB Atlas for database management and Render for deployment, showcasing proficiency in building and managing scalable web applications.

Music recommendation system using Spotify API based on facial emotion recognition

Machine Learning Project | Python

Created a model that analyses facial emotions in real time and recommends music from Spotify for changing / enhancing mood/emotion of the user as required.

AI-Powered Virtual Gardening Assistant

OOP-Based | Intermediate Project

Developed a Virtual Gardening Assistant, a digital gardener simulation where users manage a virtual garden and nurture plants. This system uses Object-Oriented Programming in modeling plants, garden plots, and environmental conditions to simulate real-world growth influenced by weather, sunlight, and water. In addition, there is an AI-powered recommendation system that optimizes the productivity of the garden for an engaging and educational experience.

EXTRA-CURRICULAR ACTIVITIES

Kavach 2023

Participant at Kavach 2023

MDFA (2017-18)

U-14 Youth League, Player

HOBBIES

- Football
- Drawing
- Travelling
- Editing Videos

LANGUAGES

English, Telugu, Hindi, Marathi