

Yaswanth Reddy Matheeti

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 yaswanth1910

 GitHub

PROFILE

Frontend Developer skilled in **JavaScript** and **React.js**, focused on building high-performance, dynamic web applications. Experienced in creating reusable components, integrating **RESTful APIs**, and optimizing performance. Proficient with React Hooks, React Router.

EDUCATION

Sathyabama Institute of Science and Technology

2020 - 2024

Computer Science and Engineering - CGPA : 7.7

Sri Chaitanya Junior College

2018 - 2020

12th -BIEAP

CGPA : 8.8

SKILLS

Frontend : HTML5, CSS3, JavaScript (ES6+), React.js, Redux, Bootstrap

Backend/Databases : Node.Js, SQL, Java

Tools : Git, GitHub, VS Code

Other : Responsive Design, Problem-Solving, Communication

PROJECTS

Responsive Social Media Web App

- Built a responsive social media web app using **HTML**, **CSS**, and **JavaScript** with modern **UI/UX design**.
- Implemented dark mode toggle and persistent theme storage using localStorage.
- Developed interactive components including stories, posts, like/comment/share features, and settings menu.
- Achieved 100% mobile responsiveness with cross-browser compatibility.

Personal Portfolio Website

- Designed and developed a responsive portfolio website using **HTML**, **CSS**, and **JavaScript** to showcase projects, skills, and experience.
- Implemented clean UI design and optimized performance and cross-device compatibility.

Collision Detection using CNN

- Developed an AI-based accident detection system using **Convolution Neural Network** (CNN) and the **YOLO algorithm** to identify road accidents in real time from CCTV footage.
- Implemented an automated alert system sending real-time accident location via email.
- Integrated computer vision frameworks such as **OpenCV** for video processing and accident severity analysis.

CERTIFICATES

Frontend React Development - Study Comrade

ACHIEVEMENTS

- Secured City **Rank 2** in International Mathematics Olympiad (IMO).
- Completed "SQL 50" on LeetCode, demonstrating proficiency in writing optimized SQL queries and solving real-world database challenges.