

YAMAKER SHIVANI

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Education

B V Raju Institute of Technology

Bachelor of Technology in Information Technology

Dec. 2021 – May 2025

Telangana

Narayana Junior College

Intermediate , MPC

June. 2019 – April 2021

Telangana

Bhashyam High School

Schooling

June. 2016 – April 2019

Telangana

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Web Development
- Computer Networks
- Database Management
- Operating Systems
- Software Engineering

Experience

Internpe

May 2023 – June 2023

Front End Developer Intern

Online

- Enhanced HTML proficiency by creating complex, semantically rich web pages, ensuring accessibility.
- Developed responsive designs using CSS techniques like Flexbox and Grid, and implemented media queries for cross-device compatibility.
- Improved JavaScript skills by developing interactive web applications, including dynamic content updates, form validation, and API integration.

Projects

Solar Tracking System | *Internet Of Things, C++*

- Designed and implemented a solar tracking system utilizing IoT technology to maximize solar panel efficiency by automatically adjusting their position based on the sun's movement.
- Developed and integrated hardware components including microcontrollers (such as Arduino or Raspberry Pi), sensors (such as LDRs and gyroscope), and actuators for precise solar panel positioning.
- Implemented software algorithms for real-time data acquisition and processing, enabling the system to track and respond to sunlight intensity and position changes.
- Conducted performance analysis to compare energy output between fixed and tracked solar panels, demonstrating a significant increase in efficiency.

Amazon Clone Web Application | *HTML5, CSS3*

- Designed and developed a front-end replica of Amazon's e-commerce website using HTML5 and CSS3, showcasing proficiency in modern web development technologies.
- Created responsive layouts to ensure optimal user experience across various devices and screen sizes, utilizing CSS3 media queries and flexible grid layouts.
- Implemented user interface components such as product listings, search functionality, shopping cart, and user authentication pages, focusing on both aesthetics and usability.
- Used advanced CSS3 features like Flexbox, Grid, transitions, and animations to enhance the visual appeal and interactivity of the web application.

Technical Skills

Programming: Java, C, C++, Python

Web Technologies: HTML , CSS, Javascript

Soft Skills: Communication, Problem-Solving, Teamwork and Collaboration, Time Management, Creativity and Innovation, Leadership

Leadership / Extracurricular

Entrepreneur Club

Organizer

- Engaged in entrepreneurial initiatives such as organizing startup competitions, guest speaker events, and community outreach programs, contributing to the club's mission of fostering entrepreneurial spirit and innovation on campus.
- Collaborated with fellow club members to develop and pitch business ideas, fostering creativity, teamwork, and problem-solving skills in a supportive environment.