

# RAMANADULA SINDHU PALLAVI

## Frontend Developer

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## Profile Summary

Proficient in **Html** , **Css** , **Java Script** and **React**, developing seamless web solutions that prioritize performance and scalability.

## Projects

### Music Player | [GitHub](#) | [View](#) | *HTML, CSS, JavaScript*

- **Developed** a fully functional music player with theme toggling, song filtering by genre, and playlist management.
- **Implemented** search functionality for finding songs and playlists, along with the ability to add or remove songs from playlists.
- **Displayed** selected song details such as image, name, and artist, providing a seamless user experience.

### Photofolio | [GitHub](#) | [View](#) | *Html, React, JavaScript, CSS*

- **Built** an interactive photo portfolio application using React, allowing users to create and manage photo albums and images.
- **Implemented dynamic forms** for creating albums and adding images, with detailed views for selected albums.
- **Enhanced functionality** through state management for dynamic updates and conditional rendering of components.

### Busy-Buy | [GitHub](#) | [View](#) | *React, Routing, CSS*

- **Responsive E-commerce App** Developed a React-based application showcasing products dynamically with an interactive user interface.
- **Add-to-Cart and State Management** Enabled seamless addition of products to the cart with persistent state management for an optimized user experience.
- **Dynamic Navigation** Implemented React Router for smooth transitions between the homepage, cart, and orders pages.

### iPod Application | [GitHub](#) | [View](#) | *React, JavaScript, CSS,Html*

- **Developed** an interactive iPod application using React, replicating the classic iPod experience.
- **Gesture Controls** Integrated ZingTouch library to implement swipe and click gestures for intuitive navigation.
- **Music Features** Built core functionalities such as music playback, volume control, and playlist management.
- **Deployment** Deployed the project on GitHub Pages for seamless user accessibility.

### Data Analysis on a year's chips data

- **Analyzed** a year's worth of chip sales data to identify trends and customer preferences.
- **Optimized inventory** management by uncovering key sales patterns using statistical techniques.
- Provided **insights** to improve customer satisfaction strategies and market positioning.

## Technical Skills

**Programming Languages:** Java, HTML,CSS, JavaScript

**Developer Tools:** VS Code

**Frameworks:** Bootstrap,GitHub,React,Redux

**Additional Skills:** DSA, OOPS

**Backend:**Firestore

**Soft Skills:** Adaptability, teamwork

## Education

### G.Pullaiiah College of Engineering and Technology (CGPA: 8.7/10)

2021 – 2025

*Bachelor of Technology in Computer Science Engineering-Artificial Intelligence*

*Kurnool, Andhra Pradesh*

## Trainings

### Coding Ninjas

Sep 2023 - Oct 2024

*Full Stack Web Development*

- **Frontend** | **Java** | **Data Structure** | **React**

## Achievements

- Won the GDSC GPCET Hackathon League, demonstrating exceptional teamwork, communication, and problem-solving skills. Contributed innovative solutions and proactively achieved project goals.
- Won a consolation prize and stood 6th in a coding competition organized by the Humanities and Sciences Department of GPCET among 55 teams.