

Chandolu Sri Harsha

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EDUCATION

Bachelor's In Computer Science and Engineering | Vellore Institute Of Technology-AP | 2022-2026

- **Grade:** 8.7/10

ACADEMIC PROJECT

HIDDEN GEMS OF INDIA

- Designed and implemented an intuitive user interface for "Hidden Gems of India," enhancing user experience and engagement.
- Developed responsive layouts and visual designs, ensuring seamless accessibility across all devices.
- Conducted user testing and iterated on feedback to optimize usability and functionality.

HUMAN DETECTION DRONE

- Developed a drone system capable of detecting humans and recognizing faces using advanced computer vision techniques.
- Integrated real-time image processing algorithms to ensure accurate and efficient human detection and facial recognition.
- Collaborated with a multidisciplinary team to design, build, and test the drone, ensuring robust performance and reliability.

HOSTEL MANAGEMENT SYSTEM

- Developed a comprehensive Hostel Management System using Java and JavaFX to streamline administrative tasks and enhance user experience.
- Implemented key features such as room allocation, student registration, and fee management, ensuring efficient and accurate operations.
- Collaborated with team members to design an intuitive user interface and optimize system performance, resulting in a robust and user-friendly application.

CONVENTIONAL INTERFACE

- Developed an AR-based online furniture shopping platform, integrating 3D-AR elements to provide an interactive 'look and feel' experience for users.
- Designed an HTML and CSS-driven interface, ensuring intuitive navigation and personalized furniture recommendations.
- Enhanced the shopping environment with immersive AR features, creating a conversational and engaging user experience for furniture shoppers.

PROFESSIONAL EXPERIENCE

DEFENCE ELECTRONICS RESEARCH LABORATORY (DLRL-DRDO)

Research Intern, Machine Learning | Hyderabad, India

- Conducted research on the differences between Convolutional Neural Networks (CNN) and transfer learning techniques in machine learning applications.
- Collaborated with a research team to develop insights and recommendations for optimizing model selection and implementation in practical scenarios.

LANGUAGES, SKILLS AND CERTIFICATES

- **Languages:** English, Telugu, Hindi, Spanish (intermediate proficiency)
- **Skills:** Html, Css, Java, Python, JavaScript, MySQL, UI/UX, Machine Learning & Artificial Intelligence