

# P VAISHNAVI

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## EDUCATION

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### Hyderabad Institue of Technology and Management

CGPA:8.88

*Bachelor of Technology, CSE-IOT*

*Nov. 2021 – May 2025*

### Sri Chaitanya Junior College

GPA: 96.8

*MPC*

*2019-2021*

### Kendriya Vidyalaya University of Hyderabad

CGPA: 86.4

*Schooling*

*Passed out in 2019*

## PROJECTS

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### Waste segregation and disposal app/ NIRVIGHNA [🔗](#) | *Android Studio, XML, JAVA*

August 2024

- Developed a waste segregation and disposal app called NIRVIGHNA that promotes sustainable practices using Android development.
- Integrated features that create employability opportunities in the waste management sector.
- Focused on a user-friendly interface for efficient navigation and real-time updates.

### Optimal Waste Management System/ CleanScape [🔗](#) | *HTML, CSS, PHP, MySQL*

Jan 2024

- CLEANSCAPE is a web-based solution empowering individuals to address the waste management problem.
- Users can capture images of garbage in their locality, and upload them to a dedicated webpage with essential details.
- Frontend technologies: HTML, CSS — Backend technologies: PHP, MySQL

### Smart Street Light [🔗](#) | *Thingspeak, Arduino IDE*

Mar 2024

- Smart street light is an IOT based project where an LDR sensor detects light in the surroundings and adjusts according to it.
- Utilizing cutting-edge technology, such as ESP32 microcontrollers and ThingSpeak for data logging, our project aims to create a more environmentally friendly and economically viable solution for modern cities.
- Submitted this project to IIIT Hyderabad as a part of internship program.

### IOT-based Smart Dustbin [🔗](#) | *Arduino IDE, Ultrasonic Sensor, Microcontroller*

Mar 2022

- The Smart Dustbin project is an IOT-based system where an ultrasonic sensor detects objects, automatically opening the lid of the dustbin.
- The lid responds by opening when an object approaches the dustbin, and after a specified time interval, it automatically closes.

## TECHNICAL SKILLS

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Python | HTML | CSS | Data Structures | mySQL | Figma | Android Development | Basics of C

## CERTIFICATIONS

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- Cloud Computing and GenAI completion from GDSC.
- IOT-based Internship from IIIT Hyderabad
- Swecha internship in full stack development
- IOT Workshop in NILTECH EDU
- Participation certificate in HACKATHON

NOTABLE EXPERIENCE

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<b>Chief Editor   Campus Talk   College magazine of HITAM</b>	2023-2024
<ul style="list-style-type: none"><li>• Led a dedicated team to successfully publish the college magazine.</li><li>• Contributed to content creation and editing, ensuring high-quality articles.</li><li>• Oversaw the entire editorial process, from planning to final publication.</li><li>• Developed leadership skills through managing and coordinating team efforts.</li></ul>	
<b>Public Relations   Google Developers Student Club</b>	2023-2024
<ul style="list-style-type: none"><li>• Coordinated and executed promotional campaigns to enhance the club's visibility and engagement.</li><li>• Managed social media platforms and created content to keep the community informed and engaged.</li><li>• Organized and promoted study jams and seminars resulting in increased membership and participation.</li></ul>	
<b>Coordinator   Literary Intellectuals Club</b>	2023-2024
<ul style="list-style-type: none"><li>• Organized numerous events, including a Literary Fest with participants from various colleges.</li><li>• Gained public speaking skills through event hosting and coordination.</li><li>• Developed leadership skills by managing event logistics and coordinating with team members.</li></ul>	

INTERNSHIP EXPERIENCE

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<b>Junior Technical Developer Intern   MOXIEHAWK</b>	July 2024
<ul style="list-style-type: none"><li>• Contributed to the development of a Hospital Management System webpage, focusing on improving user experience and interface design.</li><li>• Developed responsive webpages for a Face Detection System, incorporating advanced design techniques for an intuitive user interface.</li><li>• Designed intuitive web designs (UX) using Figma.</li><li>• Maintained thorough project documentation.</li></ul>	