

P VAISHNAVI

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EDUCATION

Hyderabad Institue of Technology and Management

Bachelor of Technology, CSE-IOT

CGPA:8.88

Nov. 2021 – May 2025

Sri Chaitanya Junior College

MPC

GPA: 96.8

2019-2021

Kendriya Vidyalaya University of Hyderabad

Schooling

CGPA: 86.4

Passed out in 2019

PROJECTS

Waste segregation and disposal app | *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 | *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, 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.

Contact Management System | *Python*

Jun 2022

- The goal of a contact management system is to simplify and streamline the process of managing and engaging with contacts.
- It is a self blood bank as it allows user to save their blood group along with their email, address and mobile number.

TECHNICAL SKILLS

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

CERTIFICATIONS

- 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

Chief Editor | Campus Talk | College magazine of HITAM

2023-2024

- * Led a dedicated team to successfully publish the college magazine.
- * Contributed to content creation and editing, ensuring high-quality articles.
- * Oversaw the entire editorial process, from planning to final publication.
- * Developed leadership skills through managing and coordinating team efforts.

Public Relations | Google Developers Student Club

2023-2024

- * Coordinated and executed promotional campaigns to enhance the club's visibility and engagement.
- * Managed social media platforms and created content to keep the community informed and engaged.
- * Organized and promoted workshops, seminars, and hackathons, resulting in increased membership and participation.

Coordinator | Literary Intellectuals Club

2023-2024

- * Organized numerous events, including a Literary Fest with participants from various colleges.
- * Gained public speaking skills through event hosting and coordination.
- * Developed leadership skills by managing event logistics and coordinating with team members.