

# SUKASI MANIDHAR

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in LinkedIn

GitHub

## Education

### IIIT Hyderabad

Bachelor of Technology in Computer Science & Engineering, **CGPA: 6.88/10.0**

Hyderabad, India

2023 – Present

### Sri Chaitanya Pratibha Bhavan

Intermediate/Higher Secondary Certificate (+2), **96.4%**

Hyderabad, India

2023

### Sri Chaitanya International School

Secondary School Certificate (SSC), **CGPA: 10.0/10.0**

Khammam, India

2021

## Experience

### Undergraduate Researcher

Software Engineering Research Center (SERC), IIIT Hyderabad

Apr 2025 – Present

- Conducting research in Design Thinking and IoT applications in Human-Computer Interaction under **Dr. Raman Saxena**

### Full Stack Developer

ICanCare Activity Platform, IIIT Hyderabad

Jan 2025 – Apr 2025

Live Project

- Developed social activity management platform using **MERN stack** and **MySQL** for volunteer organizations
- Implemented secure user authentication, role-based access control, and admin approval workflows

## Projects

### Video Generator Platform (GitHub) — HTML, CSS, JavaScript, Flask

Jan 2024 – Mar 2024

- Built interactive web application for automated video generation from images with customizable audio and transitions

### C Shell (GitHub) — C, Operating Systems, Network Programming

Aug 2024 – Sep 2024

- Built custom shell using C with system calls, processes, I/O redirection and piping functionality

### NFS (Network File System) (GitHub) — C, Distributed Systems

Oct 2024 – Dec 2024

- Implemented distributed file system with clients, naming servers, storage servers, and essential file operations

### IPL Database Management CLI (GitHub) — MySQL, Python3, pymysql

Nov 2024 – Dec 2024

- Built MySQL database for IPL data with Python interface for efficient record management and query performance

### Buy-Sell E-commerce Website (GitHub) — MERN Stack

Feb 2025 – Mar 2025

- Built e-commerce platform with authentication, Google Captcha, product listings, OTP orders, and support chatbot

## Technical Skills

**Programming Languages:** C/C++, Python, JavaScript, SQL (PostgreSQL), NoSQL (MongoDB), HTML/CSS, Assembly x86

**Frameworks & Technologies:** React.js, Node.js, Next.js, Flask, WordPress

**Developer Tools:** Git, VS Code, UML, MySQL Workbench

**Libraries:** NumPy, Matplotlib, JSON, RESTful APIs

## Achievements & Leadership

- JEE Main 2023:** All India Rank **1,243** out of 12 lakh candidates
- JEE Advanced 2023:** All India Rank **3,765** out of 2 lakh candidates
- Apex Member** – Apex Body, IIIT Hyderabad
- Social Media Team Head** – National Service Scheme (NSS), IIIT Hyderabad
- Marketing Team Member** – Entrepreneurship Cell (E-Cell), IIIT Hyderabad
- Elected Representative** – Students Parliament, IIIT Hyderabad (2023-2024)