

Sahithi Reddy

Bachelor of Technology
National Institute of Technology Durgapur

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🐙 GitHub Profile
🌐 LinkedIn Profile

EDUCATION

- **Bachelor of Technology in Computer Science** 2022-26
National Institute of Technology Durgapur CGPA: 7.66
- **Intermediate-Telangana Board** 2020-22
Narayana Junior College Percentage: 96

ACHIEVEMENTS

- Secured 12000 rank in JEE Advanced 2022.
- Secured 12900 rank in JEE Mains 2022.
- Secured 1200 State rank in Engineering and Medical Commerce Entrance Test of Telangana.

PERSONAL PROJECTS

•Weather Seeker

A web app which gives the weather information of the location searched by user.

- Crafted a weather app that dynamically adjusts its background to match the searched location, seamlessly merging functionality with visual appeal.
- Successfully integrated two distinct APIs, OpenWeatherMap and UnsplashImages, into a unified, responsive web application.
- Tech Stacks: HTML, CSS, JavaScript.

•Hand Gesture Recognition System

a system that recognizes hand gestures in real time

- Developed a real-time hand gesture recognition system using OpenCV, MediaPipe, and a machine learning model to accurately capture and process hand landmarks.
- Implemented the system for applications in touch-free interfaces and virtual control systems, enhancing user interaction and accessibility.
- Tech Stacks : OpenCV, MediaPipe, Python, Machine Learning and Computer Vision techniques

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, python.

Libraries : C++ STL

Tech Stacks : HTML, CSS, Javascript, OpenCV, MediaPipe

Data Science and Analytics: Machine Learning

Web Dev Tools: VScode, Github

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, SQL, Data Base Management System.

Soft Skills: Problem Solving, Communication, Collaboration, Time management, Adaptability

POSITIONS OF RESPONSIBILITY

•Active Volunteer and Graphic Designer of NSS NIT Durgapur

- The National Service Scheme (NSS) is an Indian government sector public service program provides opportunities to take part in various government led communities services activities and programs.

EXTRACURRICULAR ACTIVITIES

- Playing badminton, Gardening, Crafting, etc.