

# Sai Sameeksha Vaishnavi

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## Education

**Indian Institute of Technology, Bhubaneswar**

B.Tech Electronics and Communication Engineering

CGPA: 8.35

Nov. 2022 - present

**Sri Chaitanya Techno School**

Senior School Certificate Examination, CBSE

Percentage: 95.8%

August 2020 - August 2022

## Projects

### Portfolio Website

Web Development

- The portfolio website was developed to showcase my proficiency in HTML, CSS, and JS.

### Housing Price Detection

Machine Learning

- ML model to predict California Housing using Linear Regression Model
- Technologies used are scikit-learn, numpy, pandas and seaborn

### Tourism Management

C

- Developed in C to provide clients with a tourism management portal.
- It offers services such as tour planning, user registration, and login.

### Sanchar-Website

Web Development

- This was created as part of the fest to streamline the organization of the Sanchar event.
- HTML, CSS, and JavaScript are the appropriate technologies employed.

### Campus Ambassdor-Website

Web Development

- This was created as part of the fest to streamline the organization of the Campus Ambassdor Programme.

### Wissenaire Main Website

Web Development

- Worked in the development of the main website for Wissenaire, annual technology management fest.
- I developed web pages for Merchandise, Exhibits, and About-Us.

## Course Projects

- Arduino based Half-Duplex communication system using RS485 module.
- Employed Verilog HDL to create a digital clock on the Vivado Basys3 board.

Communication Technology

Digital Electronics

## Key Skills

- Programming Languages:** C, C++, Javascript, Python
- Tools:** MATLAB, AUTOCAD, Postman
- Framework/Libraries:** Bootstrap, React JS, Node JS, Express JS
- Relevant Courses:** Introduction to Programming and Data Structures, Data Structures and Algorithms using C++, Digital Electronics Circuits, Machine Learning Specialisation, Web Development
- Soft Skills:** Communication, Analysis, Team Work

## Position of Responsibility

### Student Guide

(May 2023 - April 2024)

*Counselling Services Team , IIT Bhubaneswar*

- Assisted and mentored incoming freshmen throughout their first year.
- Organised events pertaining to Career Counselling, Mental Health.

### Core Head

(December 2022 - Present)

*Wissenaire- Techno Management Fest, IIT Bhubaneswar*

- Since my first year, I have been a member of the Web and Design Team and have contributed to the development of numerous fest websites.
- Organized and coordinated numerous events as part of the fest.
- From the fest, I developed new skills in Team Management, Leadership, and Communication.

### Content Editor

(May 2023 - Present)

*Oracle, Journalism Body , IIT Bhubaneswar*

- Contributed to and authored articles that pertain to campus activities.
- Conducted a plethora of events to monitor and report the concerns of the student community, with the intention of informing the relevant authorities.

## Extra-Curricular Activities

- Volunteer at National Service Scheme(NSS) and at Souls for Solace- the Social Welfare Society.
- I am passionate about reading books, debating, and public speaking.