Sai Ram Senapati

Mechanical & Engineering
at NIT Rourkela
CGPA:7.84 till 3rd Sem

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Links

Github:// **Sai1Ram**
LinkedIn:// **Sai Ram**
Portfolio:// **Sai Ram**

Skills

OS
Linux/Ubuntu, Windows

LANGUAGES
Java, Python, JavaScript,
PHP, HTML, CSS

FRAMEWORK
React Js, Node Js, BootStrap
Tailwind Web-development

OTHERS
Git, Sublime Text, Visual Studio code,
Solidworks

Coursework

Data Structures
Algorithm
Web Devlopment
Solidworks
Autocad
Robot Operating System

Education

2021-2025
B.TECH. IN MECHANICAL
NIT ROURKELA
CGPA : 8.05/10(Expected)

2019-2021
INTERMEDIATE
Vikash Residential School, Bhubaneswar
Percentage: 96.4%

2014-2019
HIGH SCHOOL
Jawahar Navodaya Vidyalaya, Surangi
Percentage: 92.60%

Projects

e-Yantra(2nd Runner Up)   **09/2022 - 04/2023**

I was part of a team that competed in the e-Yantra robotics competition held at IIT Bombay, and we achieved an impressive 3rd place finish. During this project, I contributed to the mechanical and modeling aspects, and also played a role in developing the algorithms. Along the way, I gained expertise in Python, CoppeliaSim, and image processing. I am proud to have been part of such a successful team and to have learned valuable skills that will benefit me in the future.

Python, Image Processing, Coppeliasim, OpenCV

Notes

This project consists of a login and logout function, as well as the ability to create, read, update, and delete notes. In this project, I learned the fundamentals of PHP and MySQL. It is mostly built on PHP and MySQL. GitHub repo

HTML, CSS, JS, PHP, MySQL

Food-ecomm Website

Users may pick and add food items to their baskets on this website.In this project, I utilize HTML, CSS, and React Js.
In this project, I learned how to utilize React Js hooks and reviewed my JavaScript fundamentals.   GitHub repo Website

React Js, CSS

Certificates

e-Yantra   **Runners-up**

As a member of a 4-person team that competed in the e-Yantra robotics competition hosted at IIT Bombay, I am proud to have helped secure a 3rd place finish. In this project, I contributed to the mechanical and modeling aspects, as well as assisted in developing algorithms. I also gained proficiency in Python, CoppeliaSim, and image processing through this experience.   Certificate

Tread-O-Quest   **Runners-up**

Our four-person team had to complete a robotics simulation challenges using Python and Webot (robot simulator). This project is assisting me in learning Python.   Certificate

Extra Curricular Activities

Cyborg,   **2022-now**

As the Web and Automation Lead of Club Cyborg at NIT Rourkela, I led a team of 8 members in organizing and participating in various robotics and automation events. I developed and maintained the club's website, as well as designed and implemented automation projects to improve operational efficiency.

Cosmopolitan   **2022-now**

It is a multiethnic fest of our institute, me as a web team member contributed for website of teh fest and also help in management of the fest.   Website