

Saswat Samal

B.Tech. | NIT Rourkela

Final Year, Biotechnology
DOB: 10 March 2003
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Education

2021-2025
B.TECH., BIOTECHNOLOGY
NIT Rourkela
CGPA : 8.17/10

MAY 2021
INTERMEDIATE
S.C.S. High Secondary School, Puri
Percentage: 93.4%

MAY 2019
MATRICULATION
St. Joseph's Convent Higher Secondary
School, Sambalpur
Percentage: 96%

Links

LeetCode:// [Saswat10](#)
Github:// [saswat10](#)
LinkedIn:// [saswat1091](#)

Skills

GENERAL PROGRAMMING
C, C++, Python, Javascript

LIBRARIES/Frameworks
React, Django, Node.js

SOFTWARES
VSCode

DATABASE
PostgreSQL, MongoDB

LANGUAGES
English, Hindi, Odia

Relevant Courses

Data Structure and Algorithms
Computational Methods
Basic Programming
MATLAB
SQL and DBMS

Work Experience

MAY 24 - JUL 24 **Summer Intern at BIS, New Delhi** **Internship**
- Assisted in the development of standards for Cardiac Sucker.
- Gained proficiency in reading and understanding technical standards.
- Conducted multiple visits to manufacturers, distributors, and laboratories to gather insights and data.
- Collaborated with industry professionals to ensure comprehensive and accurate standards.

Projects

DEC 2023 **Countries App** **Repository | Live Page**
- Frontend project made using ReactJS and SCSS.
- The project uses **restcountries** API.
- Website also has the feature of light and dark mode.
- Supported on mobiles and large screens.

MAR 2024 **Indo IBML Project** **Live Link**
- It's a website made in Django for users with diabetes
- Deployed the website on Google Cloud - Compute Engine
- Integrated Fitbit API into the backend
- Postgres is used as the database
- Nginx was used as Reverse Proxy
- Unicorn was used to setup the WSGI server

MAR 2024 **StudyBud- Django Project** **Github Link**
- Website which implements the MVT architecture of Django
- Here users can create study rooms for discussions
- Implements the basic features of Django

Extra Curricular Activities

2022-NOW **Design Team Lead** **APS, NITR**
- Guided a team of 7 juniors and helped in publicity of the various events of the club through posters and posts.
- Helped organise AlgoUtsav' 24, an ICPC base coding event.

2022-NOW **Avid Quizzer** **Inquizzitive, NITR**
- Won IndiQA 2022 hosted by NIT Rourkela.
- Runners up G20 quiz, hosted by NIT Rourkela
- Also participated in NTPC Quiz 2023, held in Kolkata

2022-NOW **Member, Chess Enthusiast** **Knights Club, NITR**
- Participated in the various chess competitions held by the club.
- Helped in organising MINARE Chess 2023