

SASWAT SAI ROUL

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EDUCATION

GOVERNMENT COLLEGE OF ENGINEERING, KEONJHAR

BACHELOR OF TECHNOLOGY
COMPUTER SCIENCE
AND ENGINEERING
April 2025

DELHI PUBLIC SCHOOL, DHENKANAL

HIGHER SECONDARY
EDUCATION
SCIENCE, PCM IT
July 2021

SKILLS

PROGRAMMING

JAVA, PYTHON, JAVASCRIPT,
HTML/CSS, SQL, NODE.JS,
REACT.JS, C++, C

TOOLS

VISUAL STUDIO, INTELLIJ,
PYCHARM, ECLIPSE, GITHUB,
BOOTSTRAP, FIGMA, FRAMER,
WORDPRESS

NON-TECHNICAL

Strong problem solving skills and
the ability to learn new
technologies quickly.

LINKS

LinkedIn:// [Saswatsairoul](#)

LANGUAGES

ENGLISH, HINDI, ODIA

INTEREST

Table Tennis, Football,
Cricket, Art and Craft,
Drawing

ADDRESS

DHENKANAL, ODISHA, INDIA,
759001

INTERNSHIP

DRDO, ITR | STUDENT TRAINEE

JUNE 2024 - JULY 2024 | BALASORE, ODISHA

- Worked on Client-Server Architecture with Real-Time Trajectory Visualization.
- The project involved the development and implementation of a sophisticated client-server architecture designed to monitor and display real-time missile trajectory data.

GEEK FOR GEEKS, STUDENT CHAPTER| EVENT MANAGER

JULY 2022 - DEC 2022 | KEONJHAR, ODISHA

- As a student event manager, I successfully planned and executed numerous events, including cultural festivals, academic seminars.
- I was responsible for drafting event proposals, managing budgets, coordinating with vendors, and promoting events through various channels. My efforts resulted in high attendance rates and positive feedback from attendees.

PROJECTS

CLIENT-SERVER ARCHITECTURE WITH REAL-TIME TRAJECTORY VISUALIZATION | DRDO, ITR

- The project involved the development and implementation of a sophisticated client-server architecture designed to monitor and display real-time missile trajectory data.
- Real-time visualization of missile trajectories is essential for military defense systems. Traditional methods often suffer from delays and inaccuracies, which can compromise decision-making. By implementing a robust client-server architecture, this project seeks to address these challenges, providing a scalable and reliable solution.

STUDENT MANAGEMENT SYSTEM

- The Student Management System successfully streamlines the management of student records, reducing the administrative burden on educational institutions. The project demonstrates the effective use of Python and related technologies to create a functional and user-friendly application.

CERTIFICATIONS

- CISCO NETWORKING ACADEMY PCAP: PROGRAMMING ESSENTIALS IN PYTHON
- SCALER CERTIFIED: COMPUTER NETWORKING
- GREAT LEARNING: JAVA PROGRAMMING
- HACKERRANK: SQL(BASIC) CERTIFICATION
- HACKERRANK: PYTHON(BASIC) CERTIFICATION
- SIMPLILEARN: CERTIFIED INFORMATION SYSTEMS SECURITY PROFESSIONAL (CISSP)