Swagat Pritam Sahoo

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Summary

Enthusiastic and detail-oriented B.Tech Computer Science (AI & ML) student with proficiency in **Python**, **JAVA**, **C++**, and **full-stack development** (**MERN**). Strong foundation in machine learning, embedded systems, and problem-solving. Hands-on experience with Flask, **React**, APIs, and STM32 microcontrollers. Passionate about applying technical expertise to build innovative and impactful solutions.

Education

C V Raman Global University, Bhubaneswar   Oct 2022 – March 2026
B.Tech in Computer Science Engineering, **CGPA: 9.06**

Experience

Edunet Foundation (in collaboration with EY GDS & AICTE)   Dec 2024 – Jan 2025
Intern – Building Modern Web Applications with MERN Stack

- Completed a 6-week internship under the Next Gen Employability Program.
- Gained hands-on experience in developing modern web applications using the MERN stack.

Projects

Collab Docs   *github.com/Swagat003/CollabDocs*

- Developed a real-time collaborative document editing platform where multiple users can simultaneously create, edit, and manage documents with synchronized updates.
- Tools Used: MERN Stack (MongoDB, Express.js, React, Node.js), WebSockets, JWT Authentication.

DATAGEINE - Dataset Building System   *github.com/Swagat003/DATAGEINE*

- Developed a platform to automate the creation of image datasets based on user-provided class names and keywords.
- Tools Used: Python, Flask, Streamlit, APIs, Gemini API.

HUNGER – Food Order Web Application   *github.com/Swagat003/HUNGER*

- Built a Java web application for food ordering and management with database integration.
- Tools Used: Java Servlets, JSP, MySQL, CSS, AJAX, JavaScript.

Embedded C Project   *github.com/Swagat003/Embedded_C_NCR*

- Designed a UART-based menu-driven utility to calculate nCr value based on user input for n and r.
- Tools Used: STM32, UART, C Programming, DAC, GPIO.

Technologies

Languages: C, C++, Java, HTML, CSS, JavaScript, ExpressJS, ReactJS, NodeJS, Python, SQL

Technologies: MySQL, Oracle, MongoDB, SocketIO, Vercel, Figma, Git

Soft Skills

Hobbies: Sketching, Photography, Editing

Soft Skills: Creativity, Analytical thinking, Adaptability