

A Swatik Samam

Final Year (B.Tech)
Food Processing Engineering
at NIT Rourkela
Portfolio: www.oswatik.com

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Links

Github:// [Oswatik](#)
LinkedIn:// [AmlanSwatik](#)
LeetCode:// [oswatik4](#)
Kaggle:// [aswatik](#)

Education

2021-2025

B.TECH

NIT Rourkela

CGPA : 7.08/10

2019-2021

INTERMEDIATE

OP Jindal School, Angul

Percentage: 91.4%

2017-2019

HIGH SCHOOL

OP Jindal School, Angul

Percentage: 96.8%

Skills

LANGUAGES

Python, Java, Golang

FRAMEWORK

Pandas, Tensorflow, Keras,
Flutter, Flask, PySpark
Streamlit, Matplotlib, Docker

DATABASES

MySQL

OTHERS

Langchain, GitHub,
VS Code, Figma,
Postman, Gradio

Coursework

Statistical Analysis
Data Analysis
Machine Learning
Deep Learning
Data Structures
Visualization

Experience

JUL 2024 **FarmVeda**

Product Development Intern

- Worked on initial RnD of 3 upcoming projects and product ideas. Involved in making process and creative choices.
- Performed initial cost analysis and created reports and research on the production and manufacturing of products.
- Handled various material suppliers and equipment manufacturers.

Product Research, Cost Analysis, Communication, Presentation

DEC 2023 **University of Guelph, Ontario**

Remote Research Intern

- Conducted a detailed meta-analysis of waste management survey on 120 research papers by 400+ authors.
- Studying appropriate biological wastes and its management across different regions and territories across Canada.
- Future prospects includes automation and optimization of bio-wastes for ease of 1100+ agro-businesses.

Python, Excel, Data Collection, Data Wrangling

Achievements/Awards

OCT 2023 **World Food Day Case Study Competition**

2nd

- Led Team BlueBasket to 2nd position in the case study competition at the World Food Day event among 37 teams.

AUG 2024 **Kaggle Expert**

50+ medals

JUN 2022 **Pracheen Kala Kendra, Chandigarh**

1st Division

- Graduated as an 1st division student in Sangeet Visharad

Projects

APR 2024 **Farma.AI**

Link

- Website for farmers to make well informed decisions for crop and pricing support producing model with 99.5% accuracy .
- Integrated with rapid weather API and NPK support. Equipped with manual, real-time API and past data support.
- Modal pricing help provided with user friendly visualization.

JAN 2024 **Code-Geass**

Link

- Interactive career advice generator showing different personalities.
- Leveraged Llama-3, Ollama and prompt engineering techniques showcased on a Gradio interface

Extra Co-Curricular

2023-NOW **Matrix - Marketing Club**

Technical Head

- Conducted and managed 10+ online and offline events. Including webinars with notable personalities and flagship events of fests.

MAR 2023 **Cognizen**

Content Team

- Led the PR and Content team to drive in 300+ registrations in NITR-IMUN. Conducted various events as team and published articles.