

SWAGAT SOURAV MALLICK

Bhubaneswar, Odisha

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🐙 [GitHub](#)

Professional Summary

Enthusiastic 3rd Year B-Tech student specializing in Computer Science and Engineering with a focus in AI and ML. Passionate about leveraging cutting edge technologies to solve complex problems. Strong foundation in programming, data analysis and algorithm development.

Education

Siksha 'o' Anusandhan University

November 2022 – June 2026

Bachelor of Technology in CSE with specialization in AI AND ML (CGPA of 7.34)

Odisha, India

Kendriya Vidyalaya ARC, Charbatia

April 2020 – March 2022

Intermediate Education: 77%

Odisha, India

Kendriya Vidyalaya ARC, Charbatia

April 2019 – March 2020

Matriculation: 89.2%

Odisha, India

Experience

Small Signals India | [Offer Letter](#)

Aug 2024 - Present

Web Development Intern

Remote

- **Designed** and **optimized** the company's website to enhance UI/UX, boosting user engagement and accessibility.
- **Developed** and **implemented** responsive design features, increasing mobile traffic retention by 20%.
- **Utilized** HTML, CSS, and JavaScript to create interactive and user-friendly interfaces.

Projects

Breast Cancer Detection Using ML | Python, Scikit-learn, Random Forest

- Developed a breast cancer detection model using a Random Forest Classifier, achieving high performance with an accuracy of 99.3% and an F1 score of 93%.
- Implemented feature scaling using Min-Max scaling and effectively split the data into training and testing sets to optimize model training and evaluation.
- Conducted a comprehensive evaluation using metrics such as accuracy, F1-score, recall, and precision; visualized the top 10 important features and generated ROC and Precision-Recall curves to assess model performance.

Technical Skills

- **Programming Languages** : Java, Python, C++
- **Web Technologies** : HTML, CSS, JavaScript
- **Database** : SQL
- **AI & ML** : Machine Learning, Deep Learning, NLP, TensorFlow, Keras, Scikit-Learn
- **Tools** : Git, GitHub, Eclipse, VS Code, Jupyter Notebook, Google Colab

Hobbies

- Interested in traveling, experiencing different cultures, and exploring emerging technologies.
- Enjoy reading various genres and watching insightful documentaries and series.

Certifications

- Java (Basic), HackerRank. [Link](#)
- SQL and Relational Databases, Cognitive Class. [Link](#)