SWAGAT SOURAV MALLICK

Bhubaneswar, Odisha

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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*