

SUDIPTA SANYAL

Kolkata, India | (+91) 9339222713 | [sudipta.sanyal2004@gmail.com](mailto:sudipta.sanyal2004@gmail.com) | [LinkedIn](https://www.linkedin.com/in/sudipta-sanyal-3b430536a/) | [GitHub](https://github.com/SudiptaSanyal12)

# PROFILE SUMMARY

Aspiring Software Engineer with hands-on experience in Java, Python, and C. Skilled in building scalable applications, managing projects, and analyzing data to drive impactful solutions. Strong collaborator with effective communication and a keen interest in emerging technologies.

# EXPERIENCE

**Intern** | Euphoria GenX |*28th November 2024 – 25th February 2025*

* Completed the Skill Development & Internship Programme focused on using machine learning techniques
* Worked on the Credit Card Fraud Detection Project based on real-time datasets

**Industrial Trainee** | Euphoria GenX |*28th November 2024 – 25th February 2025*

* Successfully completed the Industrial Training Programme on Artificial Intelligence & Machine Learning
* Gained hands-on experience in supervised and unsupervised learning, model deployment, and the use of libraries such as NumPy, Pandas, and scikit-learn

**Treasurer of Tech-Club** | Future Institute of Technology |*March 2025 - Present*

* Managed budgeting and expense tracking for club events and workshops
* Collaborated with the club president and team to organize hackathons, technical quizzes, and speaker sessions

# PROJECTS

**Credit Card Fraud Detection |** *Industrial Training Project* [***GitHub***](https://github.com/SudiptaSanyal12/Credit_Card_Fraud_Detection)

* Designed a machine learning model to detect fraudulent credit card transactions using K-Nearest Neighbor (KNN), handling class imbalance and optimizing performance through feature scaling and evaluation metrics

**Java GUI Calculator |** *Personal Project* [***GitHub***](https://github.com/SudiptaSanyal12/Calculator)

* Developed a desktop calculator using Java Swing with a clean UI and rounded, color-coded buttons
* Implemented basic arithmetic operations with proper input validation and error handling

# TECHNICAL SKILLS

* **Programming Languages:** Java, React, C , Python, HTML, CSS
* **Data Analysis & AI Tools:** Pandas, NumPy, Matplotlib, Seaborn, scikit-learn
* **Concepts:** Machine Learning, Supervised/Unsupervised Learning, Classification Models, Data Preprocessing
* **Soft Skills:** Teamwork, Leadership, Communication, Problem Solving, Financial Planning

# EDUCATION

**Indian School Certificate (ISC) in Science**

Shaw Public School, Kolkata, West Bengal

(Year of Passing: 2022)

**Bachelor of Technology in Computer Science & Engineering**

Future Institute of Technology, Kolkata, West Bengal

(Expected Graduation: July 2026)

# EXTRACURRICULAR ACTIVITIES

* Organizer of the Annual College Tech Fest

• Hackathon and Coding Challenge Participant

• Member of Students' Chapter under The Institution of Engineers (India)