

Sinjini Laha

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OBJECTIVE

Hardworking student seeking employment. Ready to utilize my skills and passion to further the mission of the Company. Technologically adept, a positive attitude, willingness and motivation to learn new programs.

EDUCATION

- **University of Engineering & Management** Kolkata, WB, India
B.Tech in Computer Science Engineering; CGPA: 8.69 (till 5th semester) *Jul. 2023 - Present*
- **Aditya Birla Vani Bharati** Rishra, Hooghly, WB, India
CBSE - Grade XII; Percentage: 76% *Jul. 2021 - May 2023*
- **Gospel Home School** Rishra, Hooghly, WB, India
ICSE - Grade X; Percentage: 87.17% *Apr. 2008 - Jun. 2021*

EXPERIENCE

- **TAMSystem (Computer Vision & Industrial Machine Learning)** South Korea (Remote)
Internship (Team Leader) *May, 2025 - Jul, 2025*
 - **Project Leadership:** Led and coordinated a cross-functional team for the Factory Acceptance Test (FAT) of a bottle defect detection system for **JUNG KWAN JANG** (100g, 240g, 250g variants).
 - **Technical Contribution:** Provided technical support through image cropping, annotation, model testing and training, laying a foundation for the data pipeline.
 - **Team Coordination:** Facilitated effective communication and workflow alignment, displaying project management skills and an eagerness to support team members under the guidance of Mr. Abhijeet Thakare, Senior Software Engineer.

PROJECTS

- **Computer Vision Attendance System**
Python, OpenCV
 - **Automation:** Developed a Python and OpenCV based system to automatically record student attendance using webcam video input and timestamp-based logging.
 - **Image Processing:** Implemented real-time face detection for continuous video frame processing and automated presence identification.
- **Data Analytics Dashboard**
Python, Pandas, Matplotlib
 - **Data Analysis:** Performed exploratory data analysis on structured datasets using Python and Pandas.
 - **Visualization:** Built visualizations and an interactive dashboard to present key data trends and insights.

TECHNICAL SKILLS

Languages/Tools: Java, Python, C, HTML, CSS, JavaScript, MySQL & Oracle (DBMS), WordPress

Soft Skills: Strong Communication, Critical Thinking, Teamwork, Team Building, Team Management, Work Planning, and Work Management

CERTIFICATIONS & TRAINING

- **Introduction to Applied Cryptography (Coursera) CERTIFICATE:** Completed Specialisation certification from Coursera (Aug - Oct 2025).
- **The Joy of Computing Using Python (NPTEL) CERTIFICATE:** Completed training from Indian Institute of Technology Madras (Jan - Apr 2025).
- **Data Science for Engineers (NPTEL) CERTIFICATE:** Completed training from Indian Institute of Technology Madras (Jul - Sep 2025).
- **Data Structures and Algorithms using Java (NPTEL) CERTIFICATE:** Completed training from Indian Institute of Technology Kharagpur (Jul - Oct 2025).

LEADERSHIP AND ACTIVITIES

- **Leadership Roles in School & University**

- **Cultural Fest Volunteer & Coordinator:** Volunteered and coordinated organizational activities for the **annual college cultural fest for 3 consecutive years**, supporting event planning, participant coordination, and smooth execution of multiple programs.
- **Class Representative:** Served as Class Representative during the **1st year** of B.Tech (CSE) at UEM, Kolkata.
- **House Vice Captain:** Served as House Vice Captain during **Classes 11 & 12** at Aditya Birla Vani Bharati.

- **Classical Dance**

- *Kathak / Rabindra Nritya*

- **Achievement:** Completed **7th Year in Kathak** and **5th Year in Rabindra Nritya**.