

ALINA ROY

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SUMMARY

Enthusiastic and tech-driven Computer Science student with strong analytical and problem-solving abilities with organizational skills and foundational technical proficiency. Demonstrated capacity to work independently and in collaborative team environments, seeking opportunities to contribute and grow as a software professional.

EDUCATION

Pursuing **Bachelors of Technology in Computer Science and Engineering**,
Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, Dum Dum
Kolkata **2022-2026**

12th Science from **CBSE**, Ashok Hall Girls Higher Secondary School,
Kolkata, **84.33%** aggregate **2022**

10th ICSE, Carmel School, Dhanbad, **89%** aggregate **2020**

PROJECTS

Smart Irrigation System

Practical working model based on IoT. Senses soil moisture and automatically regulate water based on soil moisture %. Back up website with smart pump control turns on/off automatically based on optimal soil moisture levels for fail over or power cut.

BookWormz – Online Bookstore Web App

Developed a full-stack bookstore application using the MERN stack with secure user authentication and RESTful API integration. Designed a responsive and interactive UI with Tailwind CSS and DaisyUI, including theme toggling and a dynamic book carousel.

Smart Home Automation System

Practical working model based on IoT. Users can control lights and fans remotely using phone via Blynk.

TECHNICAL SKILLS

- **Language:** C, JAVA & PYTHON
- **OPERATING SYSTEMS:** Windows, MAC & Linux
- **Tools:** Git, Github, Postman API, MongoDB Compass, nextJs, npm

CERTIFICATIONS

- IBM Data Science training from Coursera.
- Google Crash Course in Python training from Coursera.
- BCT training on Python with Django from Ardent Computech pvt. Ltd
- BCT training on Internet of Things (Iot) from Ardent Computech pvt. Ltd
- BCT training on MongoDB from Euphoria GenX.

EXPERIENCE

Frontend Developer/ ansvalue.com – Kolkata,India **09/2024-11/2024**

- Implemented responsive web design for mobile devices using HTML, CSS, JavaScript and Bootstrap framework.
- Deployed websites to staging servers for testing prior to production release.

WORKSHOP

- Attended workshop on building a Read-Only CRUD application from scratch to deployment using Node.js and AWS by Logic Learn.
- Attended IBM SB workshop on becoming AI Agent Architect.

ACHIEVEMENTS

- Runner up in project competition held by department of CSE & CSE(AIML) for the project Smart Irrigation System.

Date: 01/08/2025

Place: Kolkata

Alina Roy