

# MONOLINA MAITI

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## PROFILE

I am a B.Tech student, majoring in Computer Science and Business Systems from Netaji Subhash Engineering College, Kolkata West Bengal, with a genuine enthusiasm for coding and a strong desire for continuous learning. I am particularly interested in exploring new technologies and acquiring relevant skills to stay current in the field.

Outside of my academic pursuits, I enjoy engaging in dance and painting as hobbies, which serve to enhance my creativity and foster a balanced perspective. I am eager to apply my skills and interests to real world challenges and contribute meaningfully to any project or initiative I undertake.

## SKILLS:

- **C++**
- **Python**
- **Java**
- **SQL**
- **HTML**
- **CSS**
- **JavaScript**
- **React JS**
- **Data Structures and Algorithms**
  - ◆ Searching & Sorting various linear and non-linear data structures, File and Graph
- **Computer Networks**
  - ◆ Data Link Layer, Network Layer, Transport Layer, Application Layer
- **Database Management System**
  - ◆ Database System Architecture, Relational query languages and Storage strategies
- ◆ Transaction Processing and Database security
- **Machine Learning**
  - ◆ Data Handling and ANN, ML Model Assessment and Interference
  - ◆ Hidden Markov Models, Association Rules and Clustering
- **Artificial Intelligence**
  - ◆ Predicate Logic and Natural Language Processing
- **Operating Systems**
  - ◆ Process Scheduling, Deadlocks, Memory Management, I/O Hardware, File Management and Disk Management
- **Cloud Computing**
- **GitHub**
  - ◆ Uploading project codes, building repositories

# PROJECTS/INTERNSHIPS

## A. Internship at CodSoft (01/01/24-31/01/24)

I have designed 3 projects (Github links embedded in title) based on web development using HTML, CSS and JavaScript.

### Project #1:

I created a landing page of a tourism website.

Tools used are:

1. HTML
2. CSS

### Project #2:

I developed a portfolio page showcasing my skills, projects/internships, certifications, educations and languages known.

Tools used are:

1. HTML
2. CSS

### Project #3:

I developed a calculator which can be used for addition, subtraction, multiplication and division.

Tools used are:

1. HTML
2. CSS
3. JavaScript

## B. Personal Projects:

### Project #1:

I independently completed an ML project on Rock vs Mine prediction in which SONAR data is used to predict if the object is mine or rock.

### Project #2(Work in Progress)

I am creating a Book Search App with Open Library Search API using React JS.

# CERTIFICATIONS:

1. [Internship at CodSoft on web development](#)
2. [HackerRank Certificate on SQL\(Basic\)](#)
3. [HackerRank Certificate on Python \(Basic\)](#)

# EDUCATION:

Degree	Institution	University/ Board	Year	Marks		
B.TECH (COMPUTER SCIENCE AND BUSINESS SYSTEMS)	NETAJI SUBHASH ENGINEERING COLLEGE	MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY	2021-2025	Semester	SGPA	CGPA
				1st	9.69	8.75
				2nd	9.56	
				3rd	7.66	
				4th	8.09	
AISSCE	DELHI PUBLIC SCHOOL, RUBY PARK	CBSE	2021	85%		
ICSE	WELLAND GOULDSMITH SCHOOL, PATULI	CISCE	2019	85.33%		

# LANGUAGES KNOWN:

- English (Fluent in spoken and written communication)
- Hindi (Fluent in spoken and written communication)
- Bengali (Proficient in spoken communication)