

Shraboni Chakraborty

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Bira

EDUCATION

Meghnad Saha Institute Of Technology (MAKAUT)

MCA : Sep 2022 – Present

SGPA: 7.80 (Till 1st Semester)

Eminent College Of Management & Technology

BCA : June 2019 – Jul 2022

CGPA : 9.19

Bira Ballav Para High School (H:S)

Higher Secondary Education : 2017 – 2019

Percentage : 78%

Bira Ballav Para Shanti Pipasa Ballav Balika Vidyalaya (H:S)

Secondary Education : 2011 – 2017

Percentage: 60%

WORK EXPERIENCE

Part Time Computer Application Teacher | COMA

Bira Ballav Para Shanti Pipasa Girls High School (H : S)

Apr 2023 – Present | Bira

- Engaged Students and boosted understanding of material using focused instructional strategies And hands-on activities.
- Prepared and presented lesson plans in academic subjects using traditional strategies and modern Teaching techniques.

PROJECTS

1. Fingerprint Based Door Lock System Using Arduino

Aug 2021 – Dec 2021

Name Of the Institute : Eminent College Of Management & Technology (BCA)

Hardware Used : Arduino UNO R3, Solenoid Lock(12v), Fingerprint Sensor, Jumper , 12v Power Supply

Software Used : Arduino IDE

Language Used : C++ , Python

Project Description : The system uses a fingerprint sensor module to authenticate users and control an electronic door lock for secure access. The hardware components used in this sys- tem include Arduino Uno, fingerprint sensor module, a relay module, solenoid door lock and an adapter.

2. Automated Vaccume Cleaning System Using Arduino

Jan 2022 - Aug 2022

Name Of the Institute : Eminent College Of Management & Technology (BCA)

Hardware Used : Arduino UNO, Ultrasonic Sensor, IR Sensor, DC Motor , UV Lamp, Motor Driver Board , Chassis Construction

Software Used : Arduino IDE

Language Used : C++ , Python

Project Description: An Arduino-based vacuum cleaner is a cleaning device that is powered and controlled by an Arduino microcontroller. The Arduino board is programmed to control the motors, sensors, and other components that make up the vacuum cleaner.

3. Live Weather Dashboard Using Fullstack React.js

Aug 2023 - Dec 2023

Name Of the Institute : Meghnad Saha Institute Of Technology (MCA)

API Used : OpenWeather.com

Software Used : Visual Studio Code

Language Used : HTML , CSS , JAVASCRIPT , REACT.JS

Project Description: Weather Dashboard is designed to provide users with a simple and efficient means of accessing current weather information for locations around the world . The application leverages the power of React.JS to create a responsive and intuitive user interface , allowing users to stay informed about the latest weather conditions with ease.

SKILLS

| | |
|---|---|
| • Programming Languages: | JAVA,C, C++, Python, HTML , JavaScript, CSS. |
| • Libraries / Frameworks / Platforms: Tools / DBMS: | Pandas, ReactJS, NodeJS, ExpressJS, Bootstrap, Windows, Linux. |
| • Course works: | GitHub, MS Office, Canva, SQL. |
| • Non-Technical Skills: Interests: | Data Structure, Algorithms, Web Development, DBMS, OOPS, Python, UNIX. Critical & Analytical Thinking, Effective Communication, Leadership, Student-teacher Collaboration , Faculty Collaboration , Student Assesment Singing, Playing Guitar ,Teaching, Competitive Programming. |

CERTIFICATES

- **Inter College Quiz Competition | ECMT**
- **Inter College Wall Magazine Publication Competition | ECMT**
- **Science Talent Search Examination | BANGIYA BHUGOL MANCHA**

ACHIEVEMENTS

1. Got **“RATNA GARBHA AWARD “** from High School for scoring **75%** above marks in **WBCHSE. .**
2. Participated in talent search test on geography knowledge and got a certificate from **“BANGIYA BHUGAL MANCHA “.**

EXTRA-CURRICULAR ACTIVITIES

- **Campus Ambassador | Indian Cyber Secuirity Solution**
- **Nature Photography**
- **Professional Travelling**
- **Cooking**
- **Playing Guitar & Singing**

LANGUAGE PROFICIENCY

| Name Of the Language | Read | Write | Speak |
|----------------------|------|-------|-------|
| Bengali | Yes | Yes | Yes |
| English | Yes | Yes | Yes |
| Hindi | No | No | Yes |

Declaration

I do hereby declare that above mentioned all statements are true to my knowledge and Believe.

Date: 14th Oct , 2023.
Place: Bira , North 24 Parganas.

Signature
Shraboni Chakraborty