

# Jinnat Saba

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## Objective

Dedicated and results-driven Electronics and Instrumentation Engineering student seeking an entry-level opportunity to apply hands-on skills in IoT, Digital Electronics, and Instrumentation. Eager to contribute to innovative projects, enhance technical knowledge, and work collaboratively in solving complex engineering problems. Committed to continuous learning and adapting to emerging technologies.

## Technical Skills

Programming Languages: HTML, CSS, Bootstrap, Java Script, C, JAVA, Python (beginner)

Subjects of Interest: Web Development (MERN stack), Object-Oriented Programming, IoT, Data Structures and Algorithms, Hardware Components Skills: Arduino UNO, Node MCU, Sensors (MQ-3, Pulse Sensors)

Software Skills: MATLAB, LabVIEW, Proteus (Simulation)

## Soft Skills

Problem-Solving, Team Collaboration, Effective Communication, Time Management, Adaptability

## Academic Qualifications

Degree	Qualification	Institute	Board/University	Year	CGPA/%
Graduation	B. Tech in Electronics and Instrumentation Engineering	Narula Institute of Technology	MAKAUT	2026 (Pursuing )	8.45(Aggregate till 4 <sup>th</sup> sem)
10+2	Higher Secondary	Shree Jain Vidyalaya For Girls	WBCHSE	2022	77.8%
10	Secondary	Howrah Srimati Misri Devi Sonthaliya Siksha Niketan	WBBSE	2020	79.14%

## Achievements

Certified for Paper Publication | UEM COS 2K23 (Oct '23)

Published research on IoT-based Smart Agriculture Monitoring System. This research focused on enhancing agricultural productivity through real-time monitoring.

## Academic Projects

- Alcohol and Pulse Sensing Alert with Engine Locking System (Dec '23)

Developed a safety system using MQ-3 sensors to detect alcohol levels and pulse sensors for real-time monitoring of the driver's heart rate. Successfully reduced risks by integrating an automated engine locking mechanism.

- Fire Extinguisher using CO2 ball shooter and foam-based resolver (Mar '24)

Engineered an automated bot capable of locating fire incidents and extinguishing them using CO2 balls and foam, showcasing proficiency in robotics and safety systems.

## Experience

Fresher

Volunteered in departmental tech exhibition, gaining experience in project demonstration and teamwork.

## Position of Responsibility

Wall Magazine organizer for departmental magazine show.

Coordinated a team of 5 members in organizing and presenting departmental achievements and research through visual media.

## Hobbies

Reading Books, Traveling

## Personal Profile

Date of Birth: 08.01.2003

Nationality: Indian

Gender: Female

Parents: Fazle Rabbani, Noorus Saba

Languages Known: Hindi, English, Bengali,

Marital Status: Single

**I hereby declare that all the information mentioned above given by me is true & correct to the best of my knowledge. If it is not, my candidature will be cancelled.**

Date: October 14s, 2024

Place: Kolkata