Khandakar Nafees Hossain

Chakkamala North, Deulti
Bagnan, Howrah, 711 303

Phone - **+91 9564289091**
Email – hossainnafees587@gmail.com

Education

Institute of Engineering and Management, Kolkata – B. Tech, *Information Technology*

2023 - 2027

Currently in 2nd Year SGPA – (3rd Semester) Graduating in July, 2027

Bagnan High School, Howrah – *12th* (Science)

2020 – 2022

Appeared for WBCHSE 2022 examinations and passed with 82.2%

Bagnan High School, Howrah – *10th*

2014 – 2020

Appeared for WBBSE 2020 examinations and passed with 84.14% and also part of Scout Social Movement

Projects

Empowering Sustainable Rural Livelihoods with a Multi-Purpose Electric Vehicle (EV) Startup

Designed and developed a multi-utility electric vehicle to address rural challenges like irrigation, transportation, and education. Secured *$2,217* in initial funding from IEEE Smart Village to prototype the vehicle. (**Team Lead** of the project)

Smart Solar-Powered EV with Vehicle-to-Vehicle (V2V) Charging for Sustainable Mobility Solutions

The project focuses on efficient energy transfer between EVs, reducing dependency on charging stations. Received initial funding of *₹3 lakh* from our institution for development and implementation. (**Team Lead** of the project)

Experience

Junior Researcher (IIFR)
IEM, Kolkata | Feb 2024 – Present

Supported by faculty researchers for the development the EV prototype. Collaborated in designing and testing the vehicle structure and its mechanical integration with electrical systems.

Skills

- **Technical Skills**: Proficient in **C, Python, Data Structures and Algorithms (DSA)**
- **Soft Skills**: Strong Presentation and Communication Skills, Team Collaboration

Profiles

- LinkdIn
- GitHub
- Google Cloud

Accomplishments

- Selected among the **Top 5 National Teams** at the **ISV Symposium**, hosted by DA-IICT, Gujarat. Secured *$2,217* in funding from **IEEE Smart Village** for the project and earned a cash prize of *₹5,000* for the presentation.

Hobbies and Interest

- Participating in community projects and hackathons
- Exploring renewable energy solutions
- Content Creation