



Dibyam Dey

PROFILE

Address

2/1 Vidsagar Avenue, Durgapur-713205

West Bengal
India

02/24/2002, Male

[8900573127](https://rimodey.github.io/mycv.github.io/)

<https://rimodey.github.io/mycv.github.io/>

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[Github](#)

[LinkedIn](#)

OBJECTIVE

Highly motivated and enthusiastic final-year college student pursuing a B.Tech at Dr. B.C. Roy Engineering College - Durgapur. Possess a solid academic background with a focus on Web Development, Python, AI ML and Robotics.

EXPERIENCE

CSIR-CMERI

(Jun, 2023 - Jul, 2023)

Summer Intern

Python ROS LIDER

The Gesture Control and Steering Controller for an Unmanned Rover combines intuitive hand gestures with precise steering commands. Using cameras and depth sensors, users effortlessly control the rover's movements with natural gestures, making it accessible to all levels of users. The Steering Controller translates these gestures into precise motor commands, enabling the rover to navigate challenging terrains and avoid obstacles with finesse. This innovative fusion of human-machine interaction and advanced technology redefines how we interact with unmanned rovers, creating a seamless and dynamic connection between humans and machines.

EDUCATION

MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL

CGPA / Percentage: 85.02

(2024)

B.TECH / B.E. COMPUTER SCIENCE & ENGINEERING

Central Board of Secondary Education

CGPA / Percentage: 75.4

(2018 - 2020)

Central Board of Secondary Education

CGPA / Percentage: 75.8

(2007 - 2018)

SKILLS

python	★★★★	HTML	★★★★
CSS	★★★	Robot Operating System	★★
lidar	★★	C	★★★★
Java	★	JavaScript	★★★

Thinking out of the box

PROJECTS

Take Me Home

(Jul, 2022 - Dec, 2022)

<https://tusharsbouri11.github.io/takemehome.github.io/>

HTML CSS JavaScript

I took the lead in developing a hose renting website, overseeing the project from its inception to completion. The website primarily focused on providing users with an intuitive platform to view available hoses for rent. Leveraging HTML, CSS, and JavaScript, I designed and implemented a user-friendly front-end interface that ensured seamless browsing across various devices.

Implementation of Algorithm for Moving Object Following Mobile Robot

(Jun, 2023 - Jul, 2023)

Ros python

I developed an autonomous person-following program that enables a robot to detect and track individuals while calculating their distance and deviation from the camera's perspective. Leveraging computer vision and machine learning techniques, the program identifies and locks onto a person within the camera's field of view.