

# BISWARUP MANDAL

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## SUMMARY

Enthusiastic Computer Science & Engineering graduate with a CGPA of 8.80, skilled in Java, OOPs, SQL, and DBMS. Proven ability to apply these skills in projects like Brain Tumor Detection and a Car Rental System. Passionate about Software Engineering, Software Testing, and Data Analysis. Eager to learn, grow, and contribute to a dynamic team.

## EDUCATION

**Meghnad Saha Institute of Technology, Kolkata**  
B.Tech in Computer Science & Engineering  
CGPA: 8.80

Nov 2020 – July 2024

## INTERNSHIPS

**Prepinsta Technologies PVT.LTD, Remote | Data Analyst**

Dec 2023 – Feb 2024

(<https://drive.google.com/file/d/1IJpw2bbYXBnQPYsrT3RuHt96sxf4VeL/view>)

- Analyzed ecommerce data from CSV files to extract insights that improved business operations.
- Created data visualization dashboards to highlight sales trends, customer behavior, and product performance.
- Identified areas for improvement in sales and marketing strategies, leading to increased revenue.

## PROJECTS

**Integrating Computer Vision algorithm and Drone Technology for wildlife monitoring |**

([https://github.com/Biswarup23/Wildlife-monitoring-and-Poaching-detection-using-yolo\\_v8-with-Drone-Technology](https://github.com/Biswarup23/Wildlife-monitoring-and-Poaching-detection-using-yolo_v8-with-Drone-Technology))

- Utilized **YOLO - v8 (You only look once)** for real-time wildlife identification and tracking in video streams.
- Designed a drones with high-resolution cameras for aerial surveillance in remote and inaccessible region.
- Researchers can leverage these insights to track wildlife migration patterns and detect poaching activities effectively.

**Brain Tumor Detection |** ([https://github.com/Biswarup23/Brain\\_Tumer-Detection](https://github.com/Biswarup23/Brain_Tumer-Detection))

- Contributed to the development of a Brain Tumor Detection system aimed at identifying the presence or absence of tumors.
- Implemented **Convolutional Neural Network (CNN)** algorithm for brain tumor detection.
- Used MRI images to train and validate the Convolutional Neural Network (CNN) algorithm for accurate brain tumor detection.

**Car Rental System |** (<https://github.com/Biswarup23/Car-Rental-System>)

- Developed a comprehensive Car Rental System using Java, incorporating Object-Oriented Programming principles for scalability and maintenance.
- Implemented features such as renting and returning cars, real-time availability checks, and customer management using Java collections and object-oriented design.
- Successfully integrated payment gateways, enhancing functionality and user experience.

## SKILLS

Languages - Java (Preferred), C, Python  
Databases - SQL  
Tools - MS Excel (Learning), Power BI (Learning)  
Course - OOPs, DBMS

## PROFILES

- GeeksforGeeks - <https://www.geeksforgeeks.org/user/biswarup02mandal/>
- LeetCode - [https://leetcode.com/u/Aka\\_23/](https://leetcode.com/u/Aka_23/)
- Github - <https://github.com/Biswarup23>

## PERSONAL INFORMATION

- Language Known - English, Hindi, Bengali
- Hobby- Playing Cricket, Photography