

# Debajyoti Talukder

Aspiring software engineer with a passion for learning and innovation. Proficient in programming and problem solving. Well-versed in C, Data Structures and Algorithms, Git, GitHub, Web Development, and Full-Stack Development. Adept at using Python, Java, and other programming languages to produce clean code. Eager to learn, grow, and contribute to the success of a dynamic organization.

✉ debajyoti.talukder.2017@gmail.com

📍 Krishnanagar, India

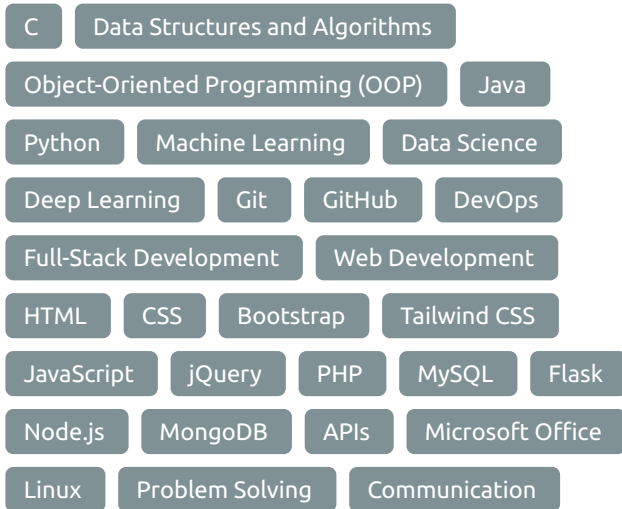
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📞 +917029742010

📄 debajyotitalukder2001.github.io/portfolio.github.io

🔄 github.com/DebajyotiTalukder2001

## SKILLS



## EDUCATION

### Bachelor of Technology in Computer Science & Engineering

Murshidabad College of Engineering and Technology

11/2020 - 07/2024

University: Maulana Abul Kalam  
Azad University of Technology,  
West Bengal, India | CGPA: 9.30

#### Courses

- Data Structures and Algorithms (DSA), Computer Organization and Architecture (COA), Object-Oriented Programming (OOP), Software Engineering, Artificial Intelligence, Database Management Systems (DBMS), Operating Systems (OS), Computer Networks, Cloud Computing, Cyber Security

### Class 12th, Science

Krishnagar Collegiate School

07/2018 - 07/2019

West Bengal Board | Percentage:  
91.8

### Class 10th

Krishnagar High School

05/2016 - 05/2017

West Bengal Board | Percentage:  
93.8

## PERSONAL PROJECTS

### Brain Tumor Detection using CNN (10/2023 - 11/2023)

- **Technologies used:** Deep Learning, Convolutional Neural Network (CNN), Python, Python libraries such as NumPy, Tensorflow, Keras, Matplotlib, and Streamlit
- This brain tumor detection system is a system that can predict whether the given image (MRI) of the brain has a tumor or not. Trained the tensorflow model in Google Colab on a virtual Tesla T4 GPU and average accuracy achieved by the system is up to 93%
- Used Streamlit and Google Colab localtunnel API to deploy the model
- **GitHub Link:** [https://github.com/DebajyotiTalukder2001/BrainTumorDetection\\_Using\\_CNN](https://github.com/DebajyotiTalukder2001/BrainTumorDetection_Using_CNN)

### Traffic Monitoring System (08/2023 - 10/2023)

- **Technologies used:** Python, Python libraries such as OpenCV, NumPy, Pandas, and Ultralytics YOLOv8
- Developed an efficient traffic monitoring system using YOLOv8, a state-of-the-art object detection model and centroid tracking algorithm, one of the most widely used object tracking algorithms after DEEP SORT (Deep Simple Online Realtime Tracking), a deep learning-based object tracking algorithm
- This system can efficiently detect, track, and count vehicles moving in either direction and estimate the speed of the vehicles. It can also detect vehicle speed limit violations to ensure road traffic safety. Tested on different videos, and average accuracy achieved by the system is up to 95%
- **GitHub Link:** <https://github.com/DebajyotiTalukder2001/Traffic-Monitoring-System>

### E-Commerce Website (03/2023 - 05/2023)

- **Technologies used:** HTML, CSS, JavaScript, jQuery, Bootstrap, PHP, MySQL
- Created a complete responsive E-Commerce website based on Nykaa-Fashion, which is one of the largest E-Commerce platforms for fashion and lifestyle in India. The website's features include admin panel, user registration, product listings, shopping cart, checkout, and order management
- **GitHub Link:** <https://github.com/DebajyotiTalukder2001/E-Commerce>

## ACHIEVEMENTS

### Secured 4398 rank out of 1 lakh+ participants in Codekaze - Sept'23 (2023) [🔗](#)

CodeKaze is an online competitive coding event organized by Coding Ninjas, with more than 100,000 contestants from more than 1500 technical institutes all over India.

### Secured 6117 rank out of 90,678 participants in PrepSAT - Hiring Jobathon (2023) [🔗](#)

PrepSAT by PrepInsta is a jobathon, i.e., a hiring hackathon, in association with WeCP and 300+ partner companies all over India.

### Successfully completed IBM SkillsBuild Internship Program on Front-End Development (2023) [🔗](#)

This is an 8-week virtual internship program by IBM SkillsBuild, partnered with the All-India Council for Technical Education (AICTE) to bring project-based learning to students across India who are pursuing technical education.