



Md Sohanur Rahman Abir

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Dedicated to be in the field of Software Development as a fresher in order to achieve tangible outcomes along with cross-team collaboration. Proactive and enthusiastic as a learner to know about new technologies.

Education

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|-------------|---|
| 2020 – 2024 | Bachelor of Science in Computer Science, BRAC University CGPA: 3.31 |
| 2019 | Higher Secondary Certificate, MC College GPA: 4.33 |
| 2017 | Secondary School Certificate, Blue Bird School & College GPA: 5 |

Skills

| | |
|-------------|---------------------|
| PHP | Python |
| C | MySQL |
| HTML | LARAVEL |
| Pandas | Javascript |
| React js | Postman |
| RestFul API | Redux tools |
| CSS | JWT Authenticaition |

Projects

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|------|---|
| 2024 | Research on Traffic Sign Detection and Gesture Interpretation, <i>Based on Bangladeshi Perspective</i> Model detects various Traffic signs along with Traffic police's gesture for navigating autonomous vehicle. Did use multiple Models such as Yolo series and CNN series. Built a Custom dataset from various place of Bangladesh. |
| 2024 | Bangladesh Railway Ticket Booking Website (Clone) In this project, React js has used as Frontend and Laravel for Handling the Backend mechanism along with Mysql Database. Built the Restful API for communicating with server. User can login, Search train, Choose seat, Cannot choose seat of multiple train at a time, Half price for Children. User can update their profile. |

Implemented JWT authentication system as well.

2024

Online Sexism Detection, *Natural Language Processing*

The model can accurately detect sexism related sentence. Various models have been for custom dataset.

2024

Monkey Pox Detection, *Machine Learning Project*

The data has been cleaned up with custom algorithm which helped the model to learn more efficiently as a result overall scores improved comparing to other's work on Kaggle.

2023

Multiple Transportation Ticket Booking System

This is a HTML CSS and Laravel project where MYSQL is used as database. User can select multiple transportation such as Bus and Flight for Buying ticket.

2023

Naval Defense Game

Build a small python ship destroying game.

Competitive Programming

CODEFORCES (Rating- 853)

CODECHEF (Rating -1075)

References

Dr. Md.Khalilur Rhaman, *Professor and Supervisor of Robotics Club*, BRAC University

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