



Md Sohanur Rahman Abir

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Career Objective:

Aspiring software developer with a solid foundation in computer science, hands-on experience in full-stack development, and a strong interest in real-time systems and machine learning. Eager to contribute to impactful software projects through cross-functional collaboration, continuous learning, and practical problem-solving. Passionate about leveraging modern frameworks and tools to build scalable, user-centric applications. Seeking an entry level role as a developer to apply practical coding skills, collaborate on scalable systems and contribute to high-impact applications in a dynamic tech environment.

Education:

Degree	Institution	Year	Concentration	Result
BSC	BRAC University	2020-2024	Computer Science	CGPA: 3.31
HSC	MC College	2017-2019	Science	GPA: 4.33
SSC	Blue Bird School & College	2015-2016	Science	GPA: 5.0

Skills:

Programming Languages: Python JavaScript PHP C

Libraries & Frameworks: React Tailwind Socket Pandas Mongoose Angular

Scikit-learn(sklearn) Laravel

Database: MongoDB MySQL

Tools: Postman Redux Toolkit

Project Involvement:

- **Social media website with messenger application:** Designed and developed a full-featured social media website with integrated messenger functionality, leading end-to-end development across frontend, backend and database layers to deliver real-time communication and user interaction features.
- **Online Railway Ticket Booking System:** Developed a full-stack Ticket Booking System with integrated frontend, backend and database functionalities to enable seamless user reservations and management.
- **Traffic Sign Detection and Gesture Interpretation:** Contributed in collecting data and annotating gesture data using pose estimation models, training models to recognize traffic signs and human gestures and developing the detection pipeline for real-time recognition.
- **Book Store Website:** Created a responsive book store website using MERN as well as hosted in vercel.
- **Monkey Pox Detection:** Contributed in training classifiers named Naive Bayes, Random Forest and SVC to identify which classifier performs better to detect the disease based on symptoms.

Project Live Links:

1. Social media website with messenger application: [🔗 https://meetup-social-media.vercel.app/](https://meetup-social-media.vercel.app/)
2. Online Railway Ticket Booking System: [🔗 https://railway-ticket-booking-frontend.vercel.app/](https://railway-ticket-booking-frontend.vercel.app/)
3. Book Store Website: [🔗 https://book-store-mern-frontend-ochre.vercel.app/](https://book-store-mern-frontend-ochre.vercel.app/)

Competitive Programming:

- ✓ **CODEFORCES:** (Rating- 853)
- ✓ **CODECHEF:** (Rating -1075)

References:

Dr. Md.Khalilur Rhaman

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Relationship: Thesis Supervisor

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