

# Md. Sakib Khan

+880 1918 779365 • [hrk.sakib@gmail.com](mailto:hrk.sakib@gmail.com)  
[mdsakibkhan.github.io/Portfolio/](https://mdsakibkhan.github.io/Portfolio/) • [in md-sakib-khan](#) • [MdSakibKhan](#)

## Career Objective

To achieve a challenging role in a reputed organization in order to expand my experience, expertise and knowledge. Securing a responsible career opportunity to make good use of my training qualifications and contribute significantly to the company's progress as well as personal career growth.

## Education

### BRAC University

January 2017 – May 2021

Bachelor of Science in Computer Science & Engineering (CSE)

CGPA : 3.56/4.00, Computer Science GPA : 3.76/4.00

#### Related Coursework:

- Object Oriented Programming
- Data Structures
- Algorithm
- Database Systems
- Software Engineering
- Android Development
- Artificial Intelligence
- Operating System
- Thesis & Project

### Uttara High School And College

June 2014 – August 2016

Higher Secondary Certificate (HSC) . Science

GPA : 5.00/5.00

## Technical Skills

### </> Programming Languages

- Java
- Python

### 📊 Data Science

- Feature Engineering
- Machine Learning
- Neural Network
- Statistics

### 🔗 Web Development

- HTML5
- CSS3, Bootstrap
- JavaScript, ES6
- React JS, jQuery

### 🗄 Database

- MySQL
- Firebase

### ⚙ Developer Tools

- Visual Studio Code
- IntelliJ Idea, Eclipse
- Android Studio

### 📄 Documentation

- Microsoft Word
- PowerPoint
- Latex

## Project Experience

### Personal Portfolio | React JS, JavaScript, CSS3, Bootstrap | [🔗 Live](#)

March 2021

- Developed personal website to highlight my profile with skills, projects and other information.
- Included features such as Video playing from external sources and Downloading CV.

### Order Management System | React JS, JavaScript, CSS3, Bootstrap, Firebase | [🔗 Live](#)

February 2021

- Designed an admin panel for managing new orders, pending orders and completed orders.
- Used firebase realtime database for data storage and deployed build version to GitHub.

### Tuition Finder App | Android Studio, Java, Firebase | [🔗 GitHub Link](#)

September 2020

- Built registration function for students and tutors with a friendly UI in the application.
- Developed tuition search and post functionality for the existing registered users.

### Calculator | HTML5, CSS3, JavaScript, jQuery | [🔗 GitHub Link](#)

June 2020

- Basic Calculator with functionalities such as addition, subtraction, multiplication, division.

### Student Aid System | Software Engineering Project, SRS Report | [🔗 Report Link](#)

August 2019

- Student friendly system to get notes and thesis suggestions.
- Performed complete analysis on multiple viewpoints, elicitation, Use case, class based modeling, functional and non functional requirements, risk analysis.

### Travel Management System | HTML5, CSS3, PHP, MySQL, XAAMP Server | [🔗 GitHub Link](#)

April 2019

- Created User friendly ticket booking system for any destination.
- Developed admin friendly interface to manage bookings.

## Research Experience

Undergraduate Thesis | BRAC University | [GitHub Link](#)

January 2020 – January 2021

Topic : Affective state recognition through analysis of EEG signals by using Extreme gradient boosting.

- ▶ Performed Signal processing, Feature engineering to extract relevant features.
- ▶ Applied Machine Learning, Neural Network algorithms using **Python**.
- ▶ Achieved 95.174%, 87.456%, 84.541% accuracy for arousal, valence and dominance.
- ▶ Used Overleaf Latex editor for preparing the overall documentation of the research.

## Achievements

Government Primary Scholarship

2009

- Ranked 5<sup>th</sup> in whole Gazipur district with Talent pole scholarship.

## Certifications

EDX : Python For Data Science | IBM

July 2020

EDX : Programming for the internet with JavaScript | PENNX

July 2020

Coursera : Python Data Structures | University of Michigan

June 2020

Coursera : Introduction to HTML5 | University of Michigan

June 2020

Coursera : Introduction to CSS3 | University of Michigan

June 2020

Coursera : Interactivity with JavaScript | University of Michigan

June 2020

## Personality Traits

- |                   |                   |                 |
|-------------------|-------------------|-----------------|
| ✓ Approachability | ✓ Problem Solving | ✓ Patient       |
| ✓ Adaptability    | ✓ Team Work       | ✓ Self Reliance |
| ✓ Self Criticism  | ✓ Collaboration   | ✓ Eloquent      |
| ✓ Communication   | ✓ Punctual        | ✓ Enthusiastic  |

## Work and Research Interest

- |                        |                    |                              |
|------------------------|--------------------|------------------------------|
| — Software Engineering | — Machine Learning | — Internet of Things         |
| — Data Science         | — Neural Networks  | — Brain Computer Interfacing |

## Personal Information

Date Of Birth : 22/08/1997

Nationality : Bangladeshi

Blood Group : B+

Father : Md. Abdul Kadir Khan

National ID : 7358109994

Marital status : Single

Mother : Mrs. Khadiza Akter

Address : Sector 7, Uttara, Dhaka

Religion : Islam

## References

☉ Md. Golam Rabiul Alam, PhD

Associate Professor, BRAC University

Email : rabiul.alam@bracu.ac.bd

☉ Faisal Bin Ashraf

Lecturer, BRAC University

Email : faisal.ashraf@bracu.ac.bd

## Declaration

I hereby declare that all the provided information is in accordance with facts or truths to my knowledge. I take full responsibility for the correctness of the said information.