



Nazmul Hasan

Date of birth: 25/08/1995

Nationality: Bangladeshi

Gender: Male

CONTACT

- 384/3, ward 3, comilla Cantonment., Gopalnagar, Brahmanpara, GopalNagar. 1212 Dhaka, Bangladesh (Home)
- Nazmul.Hasan@g.bracu.ac.bd
- nazmulhasan1311@gmail.com
- (+880) 1755073552
- <https://github.com/NazmulHasanMasad>
- <https://leetcode.com/user4533MM/>
- <https://www.linkedin.com/in/nazmul-hasan-masad-63a16b143/>
- 01755073552 (WhatsApp)



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ABOUT ME

As a computer science graduate, I have a solid background in programming languages such as C++, Python, and Java. I am also adept with HTML, CSS, and JavaScript. Data structures and algorithms, database administration, and computer networks were among the subjects I studied in university. I have a strong work ethic, an analytical approach to problem solving, and a passion for technology. I've completed personal projects that have enabled me to apply my skills in real-world problem solving. solved more than 200 problems in competitive programming and preparing for a role in big tech company with the help of world class resources like courses from ex FAANG engineers. My goal is to join a tech company as a software engineer in the next few months.

DIGITAL SKILLS

PROGRAMMING LANGUAGE

Java | Python | SQL | MATLAB | CSS | Arduino | JavaScript | Git | C++ | HTML | github

SOFTWARE

LaTeX | Microsoft Excel / Microsoft(Microsoft Word, Microsoft PowerPoint, Microsoft Excel, | Quartus | CISCO PACKET TRACER | -Proteus

WORK EXPERIENCE

01/01/2022 - 30/11/2024 Dhaka, Bangladesh

Web developer NBY IT

Designed and developed responsive websites using **React** and **JavaScript**, achieving a 20% improvement in page speed. Optimized site performance and SEO, increasing organic traffic by 15%. Collaborated with a 5-person team to meet project deadlines and deliver user-centric solutions. Collaborated with designers and project managers to meet project deadlines efficiently. Troubleshoot and debugged issues, improving site stability and user satisfaction.

EDUCATION AND TRAINING

07/05/2016 - 10/06/2021 Dhaka, Bangladesh

Bachelor of Science (BSc) in Computer Science. Brac University(BRACU), Bangladesh

Address 66, Mohakhali, 1212, Dhaka, Bangladesh | **Website** <https://www.bracu.ac.bd/> | **Final grade** 2.62

01/07/2011 - 01/07/2013 Dhaka, Bangladesh

Higher Secondary School Certificate Cambrian college.

Address Notun bazar, Dhaka, 1212, Dhaka, Bangladesh | **Website** <https://www.cambrian.edu.bd/>

01/01/2006 - 01/02/2011 Daudkandi, cumilla., Bangladesh

Secondary School Certificate Daudkandi adarsha pilot high school.

PROJECTS

12/02/2020 – 10/06/2021

● Identification of Fake News Using Machine Learning in Distributed System

The World Wide Web's launch and the rapid adoption of social media platforms (such as Facebook and Twitter) paved the way for unparalleled levels of information diffusion in human history. Consumers are creating and sharing more information on social media platforms than ever before, some of it is erroneous, deceptive, or has no influence on reality. Access to news information has become considerably simpler and more comfortable, thanks to the Internet and social media. Online users may often follow events of interest, and the widespread usage of mobile devices makes this process easier. However, with great potential comes enormous responsibility. There are also a number of websites dedicated nearly entirely to the dissemination of fake news. Since it's a serious issue with a large-scale dataset, identification of fake news is very vital in this era, as social media and online newspapers are in large numbers in the web arena. That's why it is easy to spread rumors and create chaos. Also, the size of data sets is increasing day by day. Data is expanding at a quicker rate than processing rates. As a result, algorithms that need a huge quantity of data and processing are frequently conducted on a distributed computing system that separates multiple nodes on several machines which have concurrency components and lack of a global clock. Also, nobody has used a distributed system to detect fake news before. In our paper, we tried to run 4 PySpark algorithms based on SPARK-Context which provides massive storage for big data processing and analysis and also has been found to be 100 times quicker in-memory, while disk performance was shown to be 10 times quicker on several devices at the same time. So that we can control and do real-time monitoring over the news and data before it goes viral in the media.

10/09/2018 – 15/12/2018

● Safe Elevator by Arduino using smoke detector sensor.

By rapidly detecting smoke and preventing the elevator, this technology aims at protecting the safety of elevator passengers in the event of a fire.

● Basic calculator

I wrote this calculator when i was learning c++. All basic functions like addition, division, square root. modulus function are written in this calculator.

Link [https://github.com/NazmulHasanMasad/Basic-calculator-By-CPP/blob/main/Basic calculator](https://github.com/NazmulHasanMasad/Basic-calculator-By-CPP/blob/main/Basic%20calculator)

● Super market billing system

I wrote this project with c++ with file handling and object oriented programming. we can update the store item data and also print the bill for the customer with this project.

Link <https://github.com/NazmulHasanMasad/Super-market-billing-system>

● Hostel accomodation system

Hostel accomodation system with c++. students can reserve a bed using their name , roll number and address in their respective hostel.

Link https://github.com/NazmulHasanMasad/Hostel_accommodation_system

LANGUAGE SKILLS

MOTHER TONGUE(S): Bengali

Other language(s):

English

Listening C1

Spoken production C1

Reading C1

Spoken interaction C1

Writing B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

QUALITIES

Personal Skills

- Team player.
- Bias for action.
- Deliver results.

Extra-curricular Activities

General member of BRAC University computer club (BUCC),
General member of BRAC University Chess club (BUCHC),

REFERENCE'S

10/04/2023

Mostafijur Rahman Akhond

Lecturer
Department of Computer Science and Engineering
Jashore University of Science and Technology

05/04/2023

Md. Golam Rabiul Alam, PhD

Associate Professor
Department of Computer Science and Engineering
Brac University