Md. Emran Khan

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[Github](#) · [Linkedin](#) · [StopStalk](#)

Education

Dhaka University of Engineering & Technology	January 2020 – June 2024
Bachelor of Computer Science and Engineering	

Experience

Brain Station 23 PLC - Industrial Attachment / Academic Internship   December 2023 – January 2024
- Explored C#, ASP.NET core MVC, Various Architecture and Design Patterns
- Learned how to work as a team and how team collaboration works
- Gathered knowledge about the office environment and software industry.

Skills

- C | C++ | C# | Python | Javascript | Ruby | Java | Php | ASP.NET Core | jQuery | Vue | Kivy | Tailwind CSS
- SQL | PostgreSQL | Git | Github | Bash Scripting | Linux | Unix CLI

Projects

Mathometer🔗
A simple tool built for Competitive programmers to solve various number theory problems. Technologies used: HTML, jQuery, JavaScript, Tailwind CSS,

Agro Planner
This is a web application that guides farmers and entrepreneurs about crops and livestock and helps them plan their agro-business. Technologies used : Php, javascript, Mysql, tailwind css

Toll Plaza App
Made with Kivy and Pandas this app could calculate and save records of various types of vehicles

Leadership Experience (selected)

Programming & Algorithm Secretary - DUET Computer Society   (Aug 2023 – April 2024)
- Management of Programming Contests, Competitive Programming Training
- Provided guidance and support to members of the DUET Programming Community by offering advice, training, and resources on programming and algorithmic problem-solving.
- Organized and led training sessions, workshops, and events to enhance the technical abilities of community members.

Problem Setter and Judge, Intra DUET Programming Contest 2024
- Designed and curated challenging problem sets for the IDPC 2024
- Maintaining fairness and transparency throughout the judging process.
- Collaborated with fellow organizers to ensure the smooth execution of the competition, including coordinating schedules, managing communication channels, and resolving any issues that arose

Awards, Achievements and Certificates

- **Champion** of the **Intra-DUET Programming Contest 2023**
- **Second runner-up** in the **Intra-DUET programming contest 2022**
- Ranked **1710** on Codeforces Round 855 (**top 11%**)
- Ranked **1765** on Codeforces Round 851 (**top 10%**)

- Participated in the **NCPC 2023** Onsite Contest | **ICPC 2022** Dhaka Regional | **BUET 2023** IUPC | **SUST 2022** IUPC | **RUET 2022** IUPC
- [Solved more than **1600** problems](#) on various online judges and still counting.

Scientific Computing with Python
- The Scientific Computing with Python (Beta) curriculum equipped me with skills to analyze and manipulate data using Python. Covered topics included data structures, algorithms, object-oriented programming, and performing complex calculations