Tushar Sarkar

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CAREER OBJECTIVE

A self-motivated individual with analytical thinking and problem-solving skills honed through competitive programming. Always eager to step out of the comfort zone to tackle complex challenges and new technologies. Passionate about continuous learning and seeking opportunities to leverage my skills and mindset to contribute to innovative projects and drive technological advancements.

EDUCATION

Bangabandhu Sheikh Mujibur Rahman Science and Technology University	**Jan/2019 – June/2024**
• B.Sc. Engineering in Computer Science and Engineering	CGPA: 3.20 / 4.00

TECHNICAL SKILLS

- Programming Language: C/C++ (Proficient), C#, Java, Python, JavaScript
- Web Development: HTML, CSS, PHP, Bootstrap
- DBMS: SQL
- Operating System: Windows, Linux (Ubuntu)
- Tools: Git, GitHub, Visual studio, Sublime Text3, PyCharm

PROBLEM SOLVING ACTIVITIES

- ❖ Solved **4000**+ problems in different Online Judge
- Codeforces: Tushar35 (Max. Rating: 1340)-Pupil, Solved: 1470+ Problems)
- Codechef: snow_cse35 (Max. Rating: 1832-4Star, Solved: 380+ Problems)
- Atcoder: TusharCSE35 (Max. Rating: 664, Solved: 450+ Problems)
- Leetcode: TusharCSE35 (Max. Rating: 1475, Solved: 650+ Problems)
- GeeksforGeeks: tusharcse35 (Solved: 360+ Problems)

ACHIEVEMENTS

- ❖ Participated over 30+ Team contests including ICPC
- ICPC-2022:   Ranked 102th at ICPC-Green University of Bangladesh   Team Name: BSMRSTU_push_back
- IUPC-2022:   Ranked 17rd at SZPC-University of Global Village   Team Name: BSMRSTU_return_0
- IUPC-2022:   Ranked 23th at KU CSE Fest 2022   Team Name: BSMRSTU_pushback
- IUPC-2019:   Ranked 20th at ICT Carnival-University of Global Village   Team Name: BSMRSTU_Mindhunter

PROJECTS

- Box Shooter Game
  - This is a box shooting game where you shoot a ball from a random place below and hit the box. Points will increase, the box will be exhausted and the ball will return.
  - Technology: C++ and Graphics (Visual Studio Code)
- Student Management System
  - It is designed to record, analyze, and manage information of students in a Institute.
  - Technology: Java, Java Swing, MySQL Database (Netbeans)
- E-Commerce Website
  - Admin can add, delete all types of products. Users can search by brand or category and place orders.
  - Technology: HTML,CSS, PHP, MySQL Database (Visual Studio Code)
- **Thesis:** Detection of Autism Spectrum Disorder using EEG Signals
  - Determining whether a person has ASD using Higuchi fractal dimension from EEG signals
  - Technology: Python, Neural Network, Machine Learning (Anaconda)
  - Feature Extraction Method: Higuchi's Fractal Dimension