TOFAYEL AHMMED BABU

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Bachelor of Science
in Computer Science and Engineering
Chittagong University of Engineering and Technology
(CUET), Chittagong-4349

PERSONAL SUMMARY

A *fast learner* and a *hard worker* with high responsibilities and strongly determined to utilize the valuable time. Aiming to build a *versatile* and a *challenging* career in the *positive* and *dynamic* environment of a well reputed organization where the opportunity to utilize the knowledge and experiences available for professional career development.

TECHNICAL SKILLS AND INTERESTS

- **Programming Languages:** Proficient in C, C++, Python, java(basic).

- **Web Development:** Front-end (HTML, CSS, JavaScript), Server-side (Node.js, Express).

- **Database Management:** MySQL, MongoDB.

- **Version Control:** Git, GitHub.

- **Software Development Methodologies:** Agile, Scrum.

- **Problem Solving and Algorithms:** Strong problem-solving skills, data structures, algorithms.

- **Continuous Learning:** Commitment to staying updated with industry trends and technologies.

- **Documentation:** Writing clear and comprehensive technical documentation.

- **Soft Skills:** Analytical thinking, adaptability, working in a fast-paced environment.

PERSONAL PROJECTS

Some of my recent works are given below.[For more works and details please checkout my GitHub repo.]

- **Handwritten Number Classification**   *github*

  Take an image of English handwritten number as input.

  – Tools & technologies used: TensorFlow, keras, google-colab.
  – The model will show a number as a output of your given image.

- **Calories Burnt Prediction**   *github*

  Calories Burnt Prediction is a machine learning project as a course assesment of Computer Nestwork(Sessional).

  – Tools & technologies used: google-colab, Xtream Gradient Boosting regressor
  – will give information about your fitness condition as well it will enhance your health conciousness.

- **Tic Tac Toe**   *github*

  Is a simple two players 3x3 board game.

  – Tools & technologies used: python, vscode
  – will entertain players BRAIN.

- **BMI calculator**   *github*

  Is a simple flutter project. It will take your height and weight as input and calculate your BMI(Body Mass Index).

  – Tools & technologies used: android studio, flutter, dart programming

- **Hall Management**   *github*

  Is a java project as a course project in Software Development with Java.

  – Tools & technologies used: apache netbeans, xampp, java, java swing, mysql
  – Gives user freindly interface. Admin can add(allot) new student or remove someone, add or remove employe and clerk, find any student in which room, no. of available seates as well as available rooms, provides a lot of facilities.

EDUCATION

- **Chittagong University of Engineering & Technology, Chittagong** — *Graduated in 2025(Expected)*
  BSc in Computer Science & Engineering — CGPA: 3.72/4.0

- **Comilla Victoria Govt. College, Cumilla** — *Graduated in 2019*
  Board of Higher Secondary Education(Science) — GPA: 5.0/5.0

- **Batakandi A.H. high School, Cumilla** — *Graduated in 2017*
  Board of Secondary Education(Science) — GPA: 5.0/5.0

CERTIFICATION

- *Personal Development, a 7days long virtual training program | SSDC | 2020*

- *CUET Intra University Junior Programming Contest | CUET Computer Club | 2021*

VOLUNTEER EXPERIENCE

- ***Alor Bahon*** *(A social welfare non profit organizaion) | Executive member | 2020 - present*

- ***CUET Career Club*** *(works for the improvement of various skills of it's members and organizes seminars,workshops,different types of intra and inter varsity competition) | Executive member | 2020 - 2023*

ACHIEVEMENTS

- **ICPC (International Collegiate Programming Contest) 2022 Preliminary ranked 269**

At ICPC-2022, my team ranked 269 among 1000+ teams from different university and college all over the country.

- **1000+ Problems solved on different online judges(OJ)**

*I am a highly motivated and passionate problem solver with a strong background in competitive programming. Over the course of my journey, I have successfully solved 1000+ of problems on various online judges such as **Codeforces, AtCoder, CodeChef, HackerRank, HackerEarth, SPOJ, UVA, Leetcode** and others.I thrive in challenging programming environments and consistently seek opportunities to enhance my skills and contribute to the world of competitive programming.*

- **Stood 13th in CUET Intra University junior Programming Contest**

In CUET Intra University Junior Programming contest(Individual) ,I Achieved 13'th position among all of the participants.

- **Participated around 150 different online and onsite programming contest**

I am an avid participant in the programming community, having engaged in approximately 150 diverse online (Codeforces, atcoder, codechef etc) and onsite programming contests.I think my active participation reflects a commitment to continuous learning, adaptability, and a strong desire to excel in the dynamic field of competitive programming and problem solving.

- **CUET Techical Scholarships(2020 - 2023)**

Awarded a Technical Scholarship, a testament to my consistent dedication and outstanding academic performance from the first semester through the 5th semester of my academic journey.

- **Secondary School Certificate Govt. Scholarship(SSC'2017)**

Awarded a General Scholarship, a testament to my academic excellence.

- **Junior School Certificate Govt. Scholarship(JSC'2014)**

Awarded a Talentpool Scholarship, a testament to my academic excellence.