Efat Sikder

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EDUCATION

International University of Business Agriculture and Technology   **Dhaka, Bangladesh**
Bachelor in Computer Science and Engineering   *05 January 2020 - Present*

Projects

SecureVote   Platform: Android
- Architected and deployed a secure, scalable online election platform leveraging **Flutter** and **Firebase technologies**. Implemented robust **user authentication**, **real-time election updates**, and serverless eligibility verification with Cloud Functions. Facilitated streamlined election creation for efficient operation and administration.
- Championed technological innovation to democratize and modernize the voting experience. Enhanced accessibility and engagement through intuitive mobile design. Prioritized transparency and security by leveraging the robust Firebase infrastructure, increasing trust and participation in the electoral process.

Shortly   Platform: Web
- Developed and implemented Shotly's user interface leveraging **HTML**, **CSS**, and **JavaScript** to create a responsive, intuitive, and visually appealing experience for users to shorten and manage their links effectively.

LoopStudios   Platform: Web
- Designed and developed a responsive, user-friendly website for Loop Studios using **HTML**, **Tailwind CSS**, and **JavaScript**. Created an immersive and engaging experience showcasing their cutting-edge projects across industries, driving user exploration and brand awareness.

Achievements, Participation and Problem Solving Experience

Achievements:
- IUBAT Collaborative Programming Contest (Runner-Up): IUBAT_Potato_Mind
- IUBAT Battle of Intellects Summer 2022 (Runner-Up): IUBAT_ParaTroopers
- IUBAT Battle of Intellects Fall 2021 (Runner-Up): IUBAT_ParaTroopers
- IUBAT Battle of Intellects Spring 2021 (Second Runner-Up): IUBAT_Zombie_Warfare
- IUBAT Battle of Intellects Spring 2020 (Top Fresher): Solo Contest

Participation:
- ICPC Dhaka Regional 2023 - BUBT: IUBAT_Potato_Mind
- BrackNet CoU Inter-University Programming Contest: IUBAT_Potato_Mind
- BUET Inter-University Programming Contest 2023: IUBAT_Potato_Mind
- ICPC Asia Dhaka Regional 2022: IUBAT_Potato_Mind
- CEFALO SUST IUPC 2023: IUBAT_Potato_Mind
- BUET Inter-University Programming Contest 2022: IUBAT_ParaTroopers
- CEFALO CODEFIESTA 2022: IUBAT_Paratroopers

Problem Solving Experience:
- Codeforces (Sp3cTer): Pupil, Max Rating: 1381 Solved: 622
- Toph (efat1531): Solved:75
- Vjudge (Error_Coder): Solved: 222
- LightOJ (sp3cter): Solved: 51

Skills

- **Programming Language**: C, C++, **Python**, **Dart**, **JavaScript**. Proficient in **object-oriented programming** and **data structure** and **algorithm.**
- **Technology:** Proficient in **HTML**, **CSS**, **Tailwind CSS,** and **Flutter**.
- **Tools**: Linux(Ubuntu and Mint), VS Code, Geany, Windows 10, Codeblocks
- Language: **Bangla** (Native), **English** (Proficient)

Extra Curricular Activities

- **Academic Mentor** of Data Structure and Algorithm
- **Trainer** of C and C++ Language at IITS Programming Wing
- **Trainer** of Problem-Solving basic and intermediate at IITS Programming Wing
- **Organizer** and **Judge** of numerous programming contests at the IITS Programming Wing