Keraniganj,Dhaka

MD. REJOANUR RAHMAN APU

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EDUCATION

BRAC University   **January 2019 – May 2023**
- BSc. in Computer Science and Engineering, May 2023. CGPA: 3.19

SKILLS

- **Languages**: C++, Python, JavaScript, SQL.
- **Frameworks and Version Control (basic)**: Django, RestApi (DRF), Postman, ReactJS, Redux, HTML, CSS, Bootstrap, Git and Github.

Experience

- Trainee at B-JET(Bangladesh-Japan ICT Engineers' Training Program).   **October 2023 - Present**
  - B-JET provides the Japanese language, business culture, and IT training to prepare for Japanese IT companies.

PROJECTS

- **Electronic Gadget Shop (2024)*** – An online e-commerce shop for electronics products. I used Django, and DRF to build the backend and ReactJS and Redux for the frontend.
  - **Language & Framework:** Python, Django, DRF, Postman, JavaScript, ReactJS, Redux .
  - **Features**: Home and Product Screen, CRUD operations, User authentication, Cart System etc.
- **TodoList (2023)** – A TodoList web application. The CRUD is implemented with RestApi (DRF) to maintain the Todos. **Language & Framework:** Python, Django, React, JSX, Sqlite3, CSS.
  - **Features**: Managing TodoList by performing Create, Read, Update, and Delete operations.
- **SnapShort** (2023) **–** This is a URL shortener. I built it from scratch and deployed it with Vercel. I tried to maintain the best practices of coding. **Language & frameworks**: Python, Django, PostgreSQL, HTML, CSS.
  - **Features**: Shortening URLs, Collecting analytics data, contact form, etc. **(Live-link).**

ACHIEVEMENTS

- **Meta Hacker Cup(2023):** stood among the top **20%** in round 1 and participated in round 2.
- **Google Code Jam Farewell Round A** (April 2023): Solved 3 out of 5 problems.
- **2022 ICPC Asia Dhaka Regional Online Preliminary Contest** (February 2023)**:** 3rd in my university.
- **BRAC University Programming Contest 2022** (November 2022): Team standing – **7th**.
- **IEEEXtreme 16.0** (October 2022): ranked **9th** in the country & 731st globally out of 6376 teams (solo).

- **Online Profiles**
- **Leetcode:** Participated in 40+ contests, solved **300+** problems, Max rating: **1723**.
- **Codeforces:** Participated in 140+ contests, Solved **750+** problems, Max rating: **1318**.
- **Beecrowd, Vjudge, HackerRank, and other judges:** solved **300+** problems.

Thesis & RESEARCH

- **Tomato leaf disease detection using convolutional neural network**   **January 2022 – January 2023**
  Supervised by Annajiat Alim Rasel and Dr. Amitabha Chakrabarty.
  We detected diseased tomato leaf images using ML and AI.
  We used CNN, ResNet-50 & Inception separately.

EXTRA-CURRICULAR ACTIVITIES

- General Member of IEEE.   **January 2022 – January 2023**
- General Member of **BRAC University Computer Club**.   **October 2019 – October 2020**