MD Shoaib Tasrif Emon

Education

- **Shahjalal University of Science & Technology, Sylhet.**

  Bachelor of Science (Dropout), Software Engineering (2017-2023)

- **Notre Dame College, Dhaka.**

  HSC, Science (2016).

Co-curricular

- **Problem-Solving**

  I have solved lots of qualified programming problems on various topics including graphs, searching, sorting, dynamic programming, data structure, algorithms, mathematics, strings, SQL and NoSQL. I participated and performed well in a good number of online programming contests. OJ Links - [CodeForces](), [Leetcode](), [Hackerrank]().

Experience

- **Brain Station 23**

  Software Engineer Intern | January 2020-April 2020

  Dhaka, Bangladesh | Full-time | Onsite

  I finished the internship with great experiences by contributing to two 2D games with Unity(C#) while working on the backend to develop the game mechanics. One of the games is a trivia quiz game through which children can boost their general knowledge. The other one is an exciting card game through which children can learn counting with fun.

Certifications

- **Problem-Solving (Intermediate) - Data Structure & Algorithms**

  Hacker Rank - [e6f43492aa83](), August 2023.

- **SQL (Advanced)**

  Hacker Rank - [f3b03516b539](), August 2023.

Projects

- **Tour Guide App**

  A web app made with Django web framework, HTML, CSS, jQuery and Postgresql database. This app allows users to search for their hotels/residences according to their preferred location, time and room quality and book those. Any user can advertise their hotels/ residences and allow those to be booked. I also implemented user profiles, authentication, searching algorithms and a REST API for this app. Github Link - Tour-Guide-App.

- **Code Library**

  I compiled all I have learned regarding Software Engineering in this project. It includes topics like data structure, algorithms, object-oriented programming, DevOps, SQL, NoSQL, etc. Github Link code-library.

Skills & Tools

- **Programming** - Problem-solving, Data Structures, Algorithms, Software Design Principles, Object-Oriented Programming, SQL, NoSQL.
- **Data Management** - MySql, PostgreSQL, MongoDB.
- **Source-control** - Github, Gitbash, GitKraken.
- **Framework/Library** - Django, DotNet.
- **Language** - C#, C++, Python, Java.
- **Web Technology** - REST API.
- **DevOps:** Docker.

Contacts & Links

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