**Md Yasin Sumon**

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**EDUCATION**

**Khulna University of Engineering & Technology, Khulna, Bangladesh Graduation Year-2022**

Bachelor of Science in Computer Science and Engineering

**CGPA: 3.36**

1. **A. F Shaheen College, Tejgaon, Dhaka Year-2016**

Higher Secondary Certificate

**GPA: 5.00**

**Tamai High School, Sirajganj Year-2014**

Secondary School Certificate

**GPA: 5.00**



**SKILLS & OTHERS**

**Programming Languages :** C#, C/C++, Angular JS, JavaScript

**Frameworks & Libraries :** .Net Framework, Entity Framework

**Database Systems :** MSSQL, MySQL

**Version Control :** TFS

**Other :** HTML, CSS, ASPX, SOLID Principles



**WORK EXPERIENCE**

**Amber Group**

**Junior Software Engineer (Full Stack) Jan 2022 - Present**

* Collecting user requirements, analyze them and implement them from scratch.
* Collaborating with team to analyze system solutions based on client requirements.
* Work as a front-end developer, primarily utilizing Angular JS, along with JavaScript, CSS, HTML, Bootstrap, and ASPX as needed.
* Use C#, Entity Framework and the .NET framework on the server-side, in conjunction with an MS SQL database for data storage, and employ the abstract factory pattern in my development work.
* Maintenance Support and bug fixing.
* Web API integration.
* Excelling at understanding complex business processes and translating them into functional software solutions. This involves a deep understanding of domains such as sales, research and development (R&D), production, inventory management, commercial operations, planning and procurement.
* Excelling at Complex query writing, store procedure, function.
* Telerik Reporting.



**PROJECTS**

**Crud Project**

 https://github.com/sumon1607112/StudentCrudCompleteProject **July 2022 - Aug 2022**

* Backend is built with .Net framework. The JavaScript front end displays data. The technologies include **C#, .Net Framework, Ajax, CSS, HTML, MVC, MS SQL, Store Procedure.**



**RESEARCH**

1. **[Diagnosis of COVID-19 Using Different Transfer Learning Models with Convolutional Neural Networks.](https://www.kaggle.com/code/yasinsumon/vggnew16)**

**Jan 2022 - Apr 2022**

* This research is to detect covid-19 from x-ray images using deep learning.

The technologies include **Kaggle, Colab, Vgg16, Resnet, CNN**

1. **[Voice Automation System for hospital.](https://github.com/sumon1607112/project2)**   **Nov 2022 - Dec 2022**

* To appoint a doctor just using voice message.

The technologies include  **Python, Regex, MySQL, Speech Recognition System.**



**PROBLEM SOLVING AND IMPLEMENTATION**

**Leetcode :** [sumon\_21](https://leetcode.com/sumon_21/) **:** Solved 600+ problems on DS/Algo and SQL(**Won 100 days badge 2022 - top 3%**)

**Codeforces :** [sumon\_21](https://codeforces.com/profile/sumon_21) **:** Solved 300+ problems

**uHunt**  **:** [yasin\_112](https://uhunt.onlinejudge.org/id/928791) **:** Solved 127 problems

**HackerRank:** [@yasinsumon47](https://www.hackerrank.com/profile/yasinsumon47) **:** Solved 52 SQL problems out of 58

**Data Structures, Algorithms & Others:** Solved & Implemented  github.com/sumon1607112/my\_code