

TANVIR RAHMAN

🏠 DIT Project, Merul Badda, Dhaka, Bangladesh

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🐙 [tanvir-rahman-ewu](#)



Career Objective

Intended to achieve a challenging career and establish a long-term position in a progressive IT industry that offers a sophisticated scope to augment my knowledge and utilize my skills.

Education

- East West University, Dhaka, Bangladesh [May 2015 – December 2019]

Bachelor of Science in **Computer Science and Engineering**

CGPA 3.07 out of 4.00

Skills

- **Programming Languages:** C#, JavaScript, C++, C, Python
- **Backend Technologies:** ASP.NET core MVC, ASP.NET core REST API, Entity Framework Core, LINQ, Node.js, Express.js
- **Frontend Technologies:** React.js, Ajax, Html, CSS, Bootstrap
- **Database:** Microsoft SQL Server, MongoDB
- **Version Controlling:** Git, GitHub
- **Machine Learning Tools:** NumPy, Pandas, Matplotlib, Keras, TensorFlow
- **Software Tools:** Visual Studio, Visual Studio Code, Code Blocks, Postman, Anaconda, PyCharm
- **Problem Solving:** UVA 240 Problems Solved [<https://uhunt.onlinejudge.org/id/770409>]

Projects

1. Online Book Library Using ASP.NET Core

- Web based project including sign up using session, authentication, uploading book details, showcase of book of users, cart system
- **Technology Used:** ASP.NET Core MVC 2.1, Entity Framework Core, Microsoft SQL Server, SignalR

🐙 <https://github.com/tanvir-rahman-ewu/Online-Book-Library>

2. REST API – Commander

- A REST API which offers operations like – get, post, put, delete, patch. Client can save their day to day commands they use in CLI with additional information and can do their typical CRUD operations.
- **Technology Used:** ASP.NET Core 3.1, Entity Framework Core, Auto Mapper, Repository Pattern, Microsoft SQL Server

 <https://github.com/tanvir-rahman-ewu/REST-API-Dotnet>

3. Chat Application Using React.js & Node.js

- A real-time chat application where user can create room and multiple users can join in that room and chat. React emoji is used as well to share emoji. The app is deployed at Netlify and Heroku
- **Technology Used:** React.js, React Hooks, Express.js, Socket.io
- **Live at:** <https://free-chat.netlify.app>

 <https://github.com/tanvir-rahman-ewu/Chat-App>

4. REST API Using Node.js

- A REST API implemented with four end point – get, post, put, delete
- **Technology Used:** JavaScript, Node.js, Express.js, MongoDB, Postman

 <https://github.com/tanvir-rahman-ewu/REST-API-NodeJs>

5. Countdown App Using React.js

- A basic application which deals with countdown operations like start, pause, reset and lap.
- **Technology Used:** JavaScript & React.js

 <https://github.com/tanvir-rahman-ewu/CountDown-APP>

6. Polygon Clipping Using C++

- Graphics based project which is the implementation of polygon clipping algorithm with having graphical output of clipped polygon.
- **Technology Used:** C++, File, OpenGL Graphics Library

 https://github.com/tanvir-rahman-ewu/Polygon_Clippling_Using_OpenGL

Thesis

• Paraphrased Question Answering in Bangla Language using RNN

- A deep neural network model that's capable of answering paraphrased Bangla question with less accuracy.
- **Technology Used:** Python, Deep Learning: Long short-term memory, Word2vec, Keras, TensorFlow

Research and Publications

- M.Uddin, N.S. Patwary, M. Hasan, and T. Rahman. **End-to-end neural network for paraphrased question answering architecture with a single supporting line in Bangla language.** *3rd International Conference on Signal Processing and Information Communications*, January 18-20,2020.