



TAHASIN MAHMUD

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Dhaka, Bangladesh

tahasin-mahmud

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portfolio

SKILLS

PROGRAMMING LANGUAGE

C C++ C# Java

Python

HTML CSS SASS

Vanilla JavaScript

WEB FRAMEWORK

Bootstrap jQuery ReactJS

Redux

NodeJS ExpressJS

DATABASE

MySQL MongoDB

OPERATING SYSTEM

Windows Linux

VERSION CONTROL

Git

DOCUMENT CREATION

ABOUT ME

- Graduated in Computer Science Engineering from Military Institute of Science and Technology (MIST)
- Well-versed in software tools including HTML, JavaScript, CSS, Bootstrap and jQuery
- 2 years of working experience with NodeJS and ExpressJS
- Familiar with relational and non-relational databases
- Have good understanding of Object Oriented Programming, modern JavaScript features (ES6 above) and different machine learning algorithms
- Designed single page applications with React
- Developed multiple full stack applications
- Have working experience with RESTful API

EXPERIENCE

Intern | Grameenphone Ltd.

December 2019 – January 2020

Dhaka, Bangladesh

EDUCATION

B.Sc. in Computer Science and Engineering | Military Institute of Science and Technology (MIST)

January 2017 – March 2021

Dhaka, Bangladesh

- CGPA: 3.53

Higher Secondary | Notre Dame College

May 2014 – June 2016

Dhaka, Bangladesh

- GPA: 5.00

PROJECT

E-Commerce Shop |

- **Tools Used:** HTML, CSS, Bootstrap, JavaScript, MongoDB, ReactJS, NodeJS, Redux
- **Overview:** MERN E-commerce shop with PayPal payment feature. For global state management Redux was used.

Telemedicine and Health Advice System |

- **Tools Used:** HTML, CSS, Bootstrap, JavaScript, MongoDB, jQuery, NodeJS, WebRTC, SocketIO

Microsoft Office Suite

LaTeX

Markdown

IDE

Code::Blocks

Atom

Visual Studio Code

- **Overview:** Online appointment system. Features : request appointments to doctors, video calling and instant messaging with doctors, e-prescription given by doctors in PDF file, symptom checker and live corona update.

Maternal-Child Health Care and Child Support System |

- **Tools Used:** NodeJS, HTML, CSS, Bootstrap, JavaScript, SQL
- **Overview:** Database management system for storing and managing information of mother and child.

Road Runner |

- **Tools Used:** C++, OpenGL
- **Overview:** 2D game using OpenGL.

PUBLICATIONS

- **Journal:** M. Nazrul Islam, Tahasin Mahmud, Nafiz Imtiaz Khan, Sumaiya Nuha Mustafina, and A. K. M. N. Islam, "Exploring Machine Learning Algorithms to Find the Best Features for Predicting Modes of Childbirth," IEEE Access, vol. 9, pp. 1680–1692, 2021, doi: 10.1109/access.2020.3045469
- **Conference:** Nafiz Imtiaz Khan, Tahasin Mahmud, M. Nazrul Islam, Sumaiya Nuha Mustafina, "Prediction of Cesarean Childbirth using Ensemble Machine Learning Methods," presented at the iiWAS '20: The 22nd International Conference, Nov. 2020, doi:10.1145/3428757.3429138.