



Md Ashraf Hussain

Full Stack Software Engineer

My Portfolio(PWA with offline support), My Personal Blog Website

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 Github Profile

 LinkedIn Profile

Projects

DUCSU

A Web App

A platform for complaining to DUCSU(Dhaka University Central Students Union)

- ❖ Used **NodeJs** and **Express Js** in Backend
- ❖ **MongoDB** for database and **React** for front-end(MERN stack)

Haatprotidin

An E-commerce based App with Web

It's a wholesaler retailer android app and a web interface along with a simple website

- ❖ Worked in both Backend and Front-end
- ❖ Made a web interface for android app with **PHP** and **MySQL**
- ❖ Developed full website with HTML, CSS, JS

Simple Web Framework

Framework

A simple web framework from scratch

- ❖ Used **Typescript**, MVC architecture
- ❖ Learned how to reuse code, modularity, use the power of OOP in typescript from scratch
- ❖ Used **React** for Front-end

Sell Ticket

A Web App

A simple ticket selling web application

- ❖ Used **Typescript**, **Microservice** architecture
- ❖ Used **Docker** for containerization and **Kubernetes** for container orchestration
- ❖ Made a library for common code sharing and published in NPM
- ❖ Used **MongoDB** for database and **React** for Front-end

Volunteering Projects

ICUFINDER

A Web App

It was a volunteering project done during Covid 19 pandemic where anyone can find how many ICU beds are empty. It was updated by the Doctor in every hospital. Basically, I worked as a system designer.

- ❖ Used **React** and **Firebase**

Future Goals

- ★ Getting better at Microservice architecture
- ★ Expert at Go(Golang) programming language
- ★ Getting better at GraphQL
- ★ Expert in PWA

Education

BSc (Honours) 2017-2020
Computer Science and Engineering
University Of Dhaka

Skills

Backend Development:
Javascript, **ES6+**, **NodeJs**,
Typescript, **REST**,
GraphQL, **Microservice**,
Docker, **Kubernetes**

Database:
MongoDB, **PostgreSQL**, **Oracle**

Front-end Development:
React, **HTML**, **CSS**

Tools & Platforms:
Git, **CI CD**, **Heroku**, **Travis CI**

Coursework

Data Structure and Algorithms
Database Management System
Object-Oriented Programming
Discrete Mathematics
Artificial Intelligence
Computer Architecture
Computer Networking
Data Science ,SoftwareEngineering
Cryptography and Network Security
Human Computer Interaction
Parallel and Distributed System

Activities

Organizer of CSEDU Fresher's Week
and Fresher's Reception,
Organizer of CSEDU Picnic