



Md. Muktar Hosen

CONTACT ME

12/2/A Abdul Hadi Lane,
Chankharpool, Dhaka

bsse1116@iit.du.ac.bd

Muktar16

Muktar

01518922796
01747963178

EDUCATION

Bachelor of science in Software Engineering

University of Dhaka, Bangladesh

Jan 2019 - present

CGPA: 3.55 / 4.00 (up to 5th semester)

Higher Secondary Certificate, 2018

Brahmanbaria Govt college, Brahmanbaria

GPA: 5.00 / 5.00

Secondary School Certificate, 2016

Champaknagar Model High School,
Brahmanbaria

GPA: 5.00 / 5.00

SKILLS

Programming Language

C, C++, Java, Python, Typescript

Framework

Angular, React, Node Js, Express, .Net

Development tools

GitHub, Docker, Insomnia, Postman

Other Technology

NGINX, MongoDB, MySQL

Concept of

Design pattern, Rest API, JWT

EXPERIENCE

okkk'

Bicchuron academic and admission care

Executive Member | IIT Debate Club

- Multiple Debate Sessions and Workshops for Students of IIT
- Hosted "IITDC Debate Fest" (Intra Department Debate Fest)

PROJECTS

MiniFacebook

Minifacebook supporting posting status and stories, implemented with docker and swarm. The project was done for the distributed system course.

Tool: Angular, NodeJS, MongoDB, Docker, Minio, Swarm, Nginx

BlogBee | SPL2

BlogBee is a web-based application which can convert YouTube videos into text and present them as textual blogs. It can classify blogs into some categories. It also recommends blogs based on user.

Tool: Angular, NodeJS, MySQL, Python

Statistics calculator and analyzer | SPL1

SCA is a calculator which can take statistical data as input and perform basic statistical calculations like mean, median, mode, Variance, standard deviation, Various types of Correlation and regression etc. It can present calculated data graphically in pie chart, bar chart, Frequency Polygon, Histogram, Scatter Diagram etc.

Tool: C++, C++ Graphics

Connect 4 - game with AI opponent

The objective of the game is to be the first to form a horizontal, vertical, or diagonal line of four of one's own tokens. Here, it uses a minimax algorithm with a heuristic search to find the best move.

Tool: Python

Wumpus World - A Knowledge Based AI Game

A Knowledge Based AI who can play safe as well as take risk when deadlock occurs - by probabilistic reasoning. It can Render Random Environments Depending on Pit, Wumpus, Gold Probability, can Take Risky Steps when deadlock situation occurs, plays the safest possible path when no deadlock situation is there.

Tool: Angular, NodeJS

Skin Detector

Detecting the skin and non-skin portions of an image using naive bayes algorithm.

Tool: Python

REFERENCES

SUMON AHMED

Associate Professor
IIT, University of Dhaka
Email : sumon@iit.du.ac.bd

KISHAN KUMAR GANGULY

Assistant Professor
IIT, University of Dhaka
Email : kkganguly@iit.du.ac.bd