

Badrul Alam Siddique Masfy

Sust, Sylhet, Bangladesh

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Education

Shahjalal University of Science and Technology

B.Sc(Eng). In Computer Science and Engineering

Cgpa: 3.51 out of 4

Sylhet, Bangladesh

Jan 2018 - Feb 2023 (estimate)

BN School and College

Higher Secondary School Certificate

Gpa: 5 out of 5

Chittagong, Bangladesh

May 2016 - May 2020

Notable Projects and Thesis

Ecommerce, Seller and Bank

Web Application

Feb 2022 - Jun 2022

- An e-commerce web app affiliated with two more individual web apps (Bank, Seller). E-commerce app showcases product to users, supplier supplies the products to the e-commerce, bank keeps records of all the transactions. The project works through 3-organization API calling between e-commerce, supplier and bank.
- **Tools:** MongoDB, Express, React, NodeJs. **Github:** [Source Code](#).

PocketLencer

Mobile App (Cross Platform)

Aug 2021 - Nov 2021

- The mobile app showcases and let the customers order different kinds of Artwork; such as portrait, Pixel Art etc. The mobile app for selling Digital Arts. A Responsive UI for Users, Firebase database for data interactions (easy orders without logging in and signing up).
- **Tools:** Flutter, Dart, Firebase. **Github:** [Source Code](#).

Pinkman

Web Application

Feb 2021 - Jun 2021

- A fully functional Ecommerce website by Django and deployed in pythonAnyWhere. Basic login signup for users, categorize products view, search products, responsive UI, Admin dashboard, etc.
- **Tools:** Django, MySQL, HTML, CSS, JS. **Github:** [Source Code](#).

Automate Nest

Internet of things, Android App

Feb 2021 - Jun 2021

- A functional modular home automation system to control home accessories with an android application and basic IoT devices.
- **Tools:** Android studio, Java, Arduino. **Github:** [Source Code](#).

Shooting Improvised

Window Application, Java

Mar 2019 - Jul 2019

- A fictional window-based shooting game with multiple unique gaming features.
- **Tools:** Java Swing. **Github:** [Source Code](#).

Undergrad Research: Visual question answering (VQA)

Deep Learning, Computer Vision

Feb 2022 - Present

- A computer vision task where a system must infer the answer to a text-based question about an image. Currently working on increasing the accuracy for natural image datasets with a synthetic-like natural hypothesis.
- **Outcome so far:** A draft extensive review paper on VQA.

Skills

Programming and FrameWorks

C, Java, C++, Python, Js, Dart, ~~TeX~~ Django, Flutter, NodeJS, Firebase, TensorFlow.

Database and Design

MySQL, MongoDB || Illustrator, Photoshop, Animate.

Problem Solving

(450+ total solved)

CodeForces mashfy

Virtual Judge 2017331060

Hacker Rank mashfy

LeetCode mashfy