

# MD. Ashikul Islam

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## Education

### Shahjalal University of Science & Technology

CGPA: 3.55/4.00

B.SC. IN COMPUTER SCIENCE AND ENGINEERING

January 2018 - March 2023

## Skills

<b>Programming Language</b>	C/C++, Java, JavaScript
<b>Web</b>	REST API, Node.js, Express.js, React.js (Basic)
<b>Database</b>	MongoDB, MySQL
<b>Familiarity</b>	Python, Blockchain (public)

## Problem Solving

Solved more than 480 problems on different online judges, including:

**CodeForces:** Asibul\_0400   **Uva:** Asibul\_40   **LeetCode:** Asibul\_40

## Thesis

### Bangla Text to Animated Sign Language Generation

FEBRUARY 2022 - MARCH 2023

An automated system to generate Bangla Sign Language from any Bangla input text, via a 3D avatar.

- A web platform to generate Bangla Sign Language efficiently from any given bangla text.
- Created first ever HamNoSys-based Bangla Sign Language corpus containing more than 3000 animated bangla sign words.
- **Tools:** NLP, Bangla Lemmatizer, HamNoSys, SiGML
- **Achievement:** Selected as one of the nominee projects for **Digital Bangladesh Award-2022**.

## Projects

### E-store

FEBRUARY 2022 - MAY 2022

[Github Link](#)

A fully functional API-based e-commerce website.

- Contains 3 different functionalities: An e-commerce server, supplier and a bank server.
- **Tools:** Node.js, MongoDB, HTML, CSS.

### MediCare

MARCH 2021 - JUNE 2021

A web platform for the patients to get several services from a hospital along with their appointment schedule from a doctor. The admin is able to manage patient's information according to the doctor's scheduling list through CRUD operations.

- **Tools:** Node.js, React.js, MySQL

### E-Voting

DECEMBER 2020 - APRIL 2021

[Github Link](#)

A public blockchain based e-voting system where the valid users are permitted to vote for the candidates.

- **Tools:** Solidity, Ethereum, JavaScript, HTML, CSS.

### User Management System

FEBRUARY 2020 - MAY 2021

[Github Link](#)

A web application which contains all record and activities of the users of an organization.

- **Tools:** Node.js, MongoDB, HTML, Tailwind CSS

## Hobbies

- Playing Badminton, Guitar.
- Spending time with family.