

# Minhajul Abedin Bhuiyan

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Minhajul Abedin Bhuiyan — MinhajulBhuiyan — Dhaka, Bangladesh

**Profile** — Software Engineering undergraduate with experience in developing full-stack web applications and basic machine learning projects. Comfortable with several programming languages and frameworks. Enjoys solving problems, learning new tools, and working with others to build useful software.

## Technical Skills

### Programming Languages

C/C++, C#, Java, JavaScript, python

### Frameworks

React, Node.js, Express.js, Bootstrap, Tailwind CSS

### Database

MongoDB, MySQL, Oracle, PostgreSQL

### ML & AI

numpy, TensorFlow, Scikit-Learn, keras

### Tools

GitHub, Postman, Figma, Mermaid

### Hosting

Vercel, Microsoft Azure

## Education

### Islamic University of Technology

- B.Sc in Software Engineering
- Current Standing: 6<sup>th</sup> Semester

2021 – Present

CGPA: 3.74/4.00

### Notre Dame College

- Higher Secondary Certificate (Science)

2018 – 2020

GPA: 5.00/5.00

## Projects

### HMS — Full Stack Doctor Appointment Booking System Using MERN

Jun 2025

MERN Stack, Node.js, Tailwind CSS, MongoDB, Express.js, React

- Developed a full-stack Hospital Management System using the MERN stack to streamline doctor appointment scheduling and patient management.
- Implemented secure user authentication, dynamic dashboards for doctors and patients, and real-time appointment updates.

### HomeSeek — Smart Property Rental Platform

Feb 2025

React, Node.js, MongoDB, Prisma, JWT, Socket.IO

- Developed a feature-rich web app for real-time property discovery, filtering, and bookings.
- Integrated secure authentication, real-time chat, and admin dashboards for tenants and owners.

### Machine-Learning-Project — Hand Gesture Recognition using CNNs

Dec 2024

TensorFlow, Keras, PyTorch, Python

- Analyzed 15 pretrained CNN models for hand gesture recognition using a sign language image dataset.
- Focused on finding the most accurate and efficient models for practical human-computer interaction.

### Banking Management System — Secure Authentication and Transaction Management

Apr 2024

Java, MySQL, JavaFX, JDBC

- Banking app for account management, transactions, and statements with secure login and role control.
- Built using Java, MySQL, and JavaFX for a responsive and reliable user interface.

### Anime-Management — User Authentication & Personal Anime List CRUD

Feb 2024

JavaScript, Node.js, Express.js, EJS, Tailwind CSS, Express.js, PostgreSQL

- Built an appointment and health record management system for pet owners and veterinarians.
- Designed custom dashboards with calendar integration and dynamic health logs.

### AnimeInsights — Online Anime Review Platform

Jan 2024

C#, ASP.NET MVC, CSHTML, Oracle SQL, AniList API

- Developed a full-stack web application for users to review, rate, and discuss anime titles, featuring secure authentication and CRUD operations for profiles and reviews.
- Integrated the AniList API for real-time anime data, and designed responsive interfaces with CSHTML while managing data storage using Oracle SQL.

## Extracurricular Activities

### Member, IUT Computer Society (IUTCS)

2022–Present

- Participated in club meetings and activities as a member of the IUT Computer Society.