

# 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, React Native, Node.js, Express.js, Tailwind CSS

### Database

MongoDB, MySQL, Oracle, PostgreSQL, Firebase Firestore

### ML & AI

NumPy, TensorFlow, Scikit-Learn, Keras

### Tools

GitHub, Postman, Figma, Mermaid, Expo

### Hosting

Vercel, Microsoft Azure, Render

## Education

### Islamic University of Technology

- B.Sc in Software Engineering

2021 – Present

CGPA: 3.77

### Notre Dame College

- Higher Secondary Certificate (Science)

2018 – 2020

GPA: 5.00

## Work Experience

### Data Limited

- Research & Development

Oct 2025 – Present

Intern

## Projects

### DataSense — Natural Language to SQL System

Nov 2025

*Next.js, React, TypeScript, Tailwind, Flask, Python, MySQL, Ollama*

- Built a Natural Language to SQL system with a modern frontend and a Flask orchestrator for validated SQL generation.
- Implemented AI-powered NL→SQL conversion, responsive UI, CSV export, and dynamic data visualizations.
- Added environment-based backend configuration and a streamlined startup workflow for both services.

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

Aug 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.

### LinkUp — Real-Time Chat Application

Sep 2025

*React Native, Expo, Firebase (Auth, Firestore, Storage)*

- Built a cross-platform mobile chat application with real-time one-on-one and group messaging using Firebase Firestore.
- Implemented secure authentication and seamless user onboarding with Firebase Auth.
- Added dark and light theme support for enhanced user experience.
- Enabled emoji sharing and smooth media messaging for interactive conversations.

### Streamify — Real-Time Video Chat App

Jul 2025

*React, Express.js, MongoDB, Tailwind CSS*

- Built a platform supporting video calls with screen sharing and recording features.
- Added real-time messaging with typing indicators and emoji reactions.
- Implemented JWT authentication with protected routes.

### 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.

## Extracurricular Activities

Member, IUT Computer Society (IUTCS)

2022–Present