

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