

# Nur Uddin Ibne Huda

Room 409, Sher e Bangla Hall, BUET, Dhaka, Bangladesh

☎ (+880) 1871809096 | ✉ nuruddin.simon@gmail.com | 📱 saimon7g | 🌐 Nur-Uddin-Ibne-Huda

## Summary

CSE student from BUET with strong foundations in software development and problem-solving. Experienced in full-stack development with multiple successful projects utilizing Django, React, and VueJS. Seeking to pursue a highly rewarding career in software engineering and machine learning, in a challenging and healthy work environment where I can utilize my skills and knowledge efficiently for organizational growth.

## Education

### Bangladesh University of Engineering and Technology

B.Sc. IN COMPUTER SCIENCE AND ENGINEERING

Level 4 - Term 2 (Running)

Feb. 2020 - Present

### Notre Dame College

HIGHER SECONDARY SCHOOL CERTIFICATE

Result: 5.00 GPA

Jul 2017 - Jun 2019

## Skills

**Programming Language** C, C++, Java, Python, JavaScript

**Frameworks & Libraries** Django, DjangoREST, ReactJS, NextJS, VueJS, OpenGL, JavaFX

**DataBase** Oracle, MySQL, Django ORM

**Tools & Software** Git/Github, Bash, Cisco Packet Tracer, NS-3, Bison, Flex

## Projects

### StayNest [GitHub]

Django, DRF, Supabase, Tailwind,  
NextJS, React

A PLATFORM WHERE SOMEONE CAN RENT THEIR HOUSE OR ROOM FOR A CERTAIN PERIOD. OTHER USERS CAN SEARCH USING A MAP AND BOOK THOSE ROOMS, WITH OPTIONAL FOOD FACILITIES PROVIDED BY THE HOST.

### Bangla Image Caption Generation [GitHub]

Django, Oracle, HTML, CSS

A DATABASE-FOCUSED PROJECT TO SIMULATE A RAILWAY TICKET BOOKING SYSTEM, SIMILAR TO BANGLADESH RAILWAY. USERS CAN PURCHASE TICKETS FOR VARIOUS DESTINATIONS.

### Railway Ticket System [GitHub]

Django, Oracle, HTML, CSS

A DATABASE-FOCUSED PROJECT TO SIMULATE A RAILWAY TICKET BOOKING SYSTEM, SIMILAR TO BANGLADESH RAILWAY. USERS CAN PURCHASE TICKETS FOR VARIOUS DESTINATIONS.

### Football Transfer Market [GitHub]

Java, JavaFX, Multi-threading,  
Socket Programming

A PLATFORM TO BUY AND SELL FOOTBALL PLAYERS AMONG CLUBS DURING THE TRANSFER SEASON. AVAILABILITY OF PLAYERS IS UPDATED INSTANTLY USING JAVA SOCKET PROGRAMMING. THE PROJECT FOCUSES ON OBJECT-ORIENTED PROGRAMMING (OOP).

### Compiler Design [GitHub]

C++, Flex, Bison

A COMPILER BUILT AS PART OF AN ACADEMIC PROJECT TO PARSE AND EXECUTE CUSTOM PROGRAMMING LANGUAGE SYNTAX.

### Ray Tracing and Illumination [GitHub]

C++, OpenGL, Linear Algebra

IMPLEMENTATION OF A RAY TRACING AND ILLUMINATION PIPELINE TO SIMULATE REALISTIC 3D GRAPHICS. THIS PROJECT FOCUSED ON ADVANCED RENDERING TECHNIQUES.

## Certifications

### Machine Learning Specialization

Coursera

DEEPLARNING.AI & STANFORD ONLINE, INSTRUCTOR: ANDREW NG

2024

Certificate 