

Md. Jahirul Islam

📍 Dhaka, Bangladesh ✉️ jahirullislam.ice.nstu@gmail.com ☎️ +0881764598687 🌐 **Portfolio:** [Jahirul's Website](#)

TECHNICAL SKILLS

- **Domain Expertise:** Competitive Programming
- **Programming Language:** Python, C++, PHP
Java, JavaScript
- **Database:** MySQL, SQLite
- **Operating System:** Linux, Windows
- **Software & Tools:** GitHub, VS Code, PyCharm
- **Libraries :** Pandas, NumPy, OpenCV
- **Others:** OOP, HTML, CSS

PROJECTS

- **Employee Management System**
[[GitHub Link](#)]
- This Django-based web application streamlines Employee record management with an admin panel efficient oversight.
Technologies: Python, HTML, Bootstrap, Django
- **Online Book Shop**
[[GitHub Link](#)]
- This project is a simple web-based book store where users can sign up, log in, browse book, add books to a cart, and place orders.
Technologies: PHP, HTML, CSS, JS
- **Automatic_Stroke_Prediction**
[[GitHub Link](#)]
- This project is developed for making android app for predicting the likelihood of stroke based on health parameters. The prediction model is built using machine learning techniques, particularly artificial neural networks (ANN), and is deployed on the Android platform for user interaction.
Technologies: Python, Java, TensorFlow
- **Car_Counter_In_Road**
[[GitHub Link](#)]
- This project demonstrates how to detect and count cars on a road using the YOLO object detection model.
Technologies: OpenCV, YOLO, NumPy

EXPERIENCES & ACTIVITIES

- **Joint Secretary**, ICE Programming Club, 2023-24.
- **General Member**, NSTU Debating Society .
- Organizer of **ICE TechCombat-2023** Programming Contest.

PROGRAMMING CONTEST EXPERIENCE

- **LeetCode** ([Profile Link](#), Solved: 150+)
- **CodeForces** ([Profile Link](#), Solved: 150+)
- **HackerRank** ([Profile Link](#), Solved: 50+)
- **HackerEarth** ([Profile Link](#), Solved: 50+)
- Participated in 40+ online and 20+ onsite programming contests.
- Achieved **5-star** badges on SQL.
- Achieved **5-star** badges on PYTHON

AWARDS & ACHIEVEMENTS

- **3rd Place** in Department in Second Semester
- Intra-University Individual Programming Contest, 2019 [**1st Runner Up**]
- NSTU Intra University Programming Contest 2022 [**NSTU_DAYS , Champion Team**].
- 2021 ICPC Asia Dhaka Regional Site Online Preliminary Contest.
[Team: NSTU_DAYS, (Top 20%)]

ACADEMIC CREDENTIALS

Noakhali Science and Technology University
(NSTU), January 2019 - May 2024.

B.Sc. in Information & Communication Engineering

- **CGPA:** 3.49/4.00

RESEARCH EXPERIENCE

- Undergraduate Research Work (**Thesis Title:** Automated Stroke Prediction and Prevention Recommendations: Development of an Android Application)**[Review]**.
- A Comprehensive Analysis of Tomato Diseases From Bangladesh Using Transfer Learning **[Working]**.