

ISRAK AHMED

Software Engineer

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EDUCATION

Bachelor of Science in Computer Science and Engineering

- TMSS Engineering College Affiliated with University of Rajshahi
- Feb 2020 – Present
- Bogura, Bangladesh

PROGRAMMING ACTIVITIES

International Collegiate Programming Contest (ICPC)

- ICPC ID: icpc.global/ICPCID/JQPJSXZIGG0P
- ICPC 2022 Asia Dhaka Regional Onsite Contest
- ICPC 2023 Asia Dhaka Regional Onsite Contest

Inter University Programming Contest (IUPC)

- IUT IUPC 2024

Code Samurai Inter–University Hackathon

- Code Samurai 2022

Online Contests & Problem Solving

- Solved approximately **500+** programming problems in various online judges - [Codeforces](#), [Leetcode](#), [beecrowd](#), [UVA](#), etc.
- Participated in approximately **50+** online programming contests.

POSITION OF RESPONSIBILITY

TEC Programming & Robotics Club, TEC

- President (Aug 2022 – Aug 2023):** Organized programming contests and relative events and conducted programming workshops. Made announcements of various contests and relevant information regularly.

OTHER INTERESTS

Gaming

Football

Chess

Cricket

SKILLS

- C, C++:** 4+ years of coding experience.
- Java:** Used in coursework & 3 projects.
- HTML, CSS, JavaScript:** Used in coursework & many projects.
- NodeJs, ExpressJs, MongoDB:** Used in coursework & 1 project.
- PHP & Laravel:** Used in coursework & 3 projects.

PROJECTS

JERIS LMS



This Laravel-based web app is an online skill development platform offers user authentication, course browsing, and enrollment features. It supports multilingual functionality (English and Bengali) and provides users with profile management and favorite course access.

Tools: PHP, Laravel.

Plant Disease & Pest Detector



This is an Android application for detecting plant diseases and pests. Leveraging machine learning and image processing, it allows users to capture or upload images of plant leaves for real-time diagnosis, disease identification, and access to educational resources.

Tools: Java, TensorFlow Lite, Android Studio.

Result Checker



This desktop application calculates the GPA of semesters based on the grades that a student achieved. This is only applicable for the students of the session 2019-20 of Rajshahi University or the students who have the same syllabus.

Tools: Java, JavaSwing.

CSE Online Classes



This website was made in covid time for the online classes of 1.1 students (2019-20) of the department of CSE of TMSS Engineering College (Affiliated with Rajshahi University).

Tools: HTML, CSS.

LANGUAGES

Bengali (native)

English (professional)