ISRAK AHMED

Software Engineer

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SKILLS

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

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
- **CSE Carnival Programming Contest TEC 2022**
  - Ranked 1st
- **CSE Day Programming Contest TEC 2022**
  - Ranked 3rd
- **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

PROJECTS

- **JERIS LMS** ○
  - Online skill development platform: user authentication, course browsing, enrollment.
  - Multilingual support: English, Bengali; user profile management.
  - Access and manage favorite courses.
  - **Tools:** PHP, Laravel, SQL.

- **Plant Disease & Pest Detector** ○
  - Android app for detecting plant diseases and pests.
  - Real-time diagnosis.
  - Capture/upload images for disease identification and access educational resources.
  - **Tools:** Java, TensorFlow Lite, XML.

- **Result Checker** ○
  - Desktop app for calculating semester GPA based on grades.
  - Applicable for Rajshahi University students (session 2019-20) or with the same syllabus.
  - **Tools:** Java, JavaSwing.

- **CSE Online Classes** ○
  - Web platform for online video classes.
  - **Tools:** HTML, CSS.

- **TEC PRC** ○
  - Member & information management system for TEC Programming & Robotics Club.
  - **Tools:** PHP, Laravel, SQL.

- **Weather App** ○
  - Fetches and displays real-time weather data for a specified city.
  - Dynamically updates the UI with current temperature, weather condition, and forecast.
  - **Tools:** Java, XML.

LANGUAGES

Bengali (native)   English (professional)