

# Israk Ahmed

Email: israkahmed7@gmail.com | Mobile: +88 018 1460 4703 | GitHub | LinkedIn | Portfolio

## SUMMARY

---

Software Engineer with expertise in full-stack web development, Android applications, and AI-powered systems. Proficient in Python, PHP, Java and REST API development, with a passion for solving complex problems and delivering efficient, scalable solutions.

## EXPERIENCE

---

### Atmotech IT & Software Firm

*Jr. Software Engineer*

Bogura, Bangladesh

Dec 2024 – Present

- Developed responsive and dynamic web applications using PHP, MySQL, HTML, CSS, and JavaScript.
- Built and maintained Android applications using Java and XML.
- Designed, developed, and tested RESTful CRUD APIs for backend services.
- Collaborated with senior developers to deliver scalable solutions.

## PROJECTS

---

### Sentinel

GitHub

AI-powered surveillance system for detecting abnormal activities (e.g., fights, fire, accidents) in live CCTV feeds. Developed with PyQt5 and OpenCV. Achieved 83% accuracy (binary) and 81.25% (multi-class) on a 42-minute custom video dataset.

### Real-Time Bangla Sign Language Interpreter

GitHub

Real-time BdSL gesture recognition using deep learning. Trained on 11,774 images and tested on 2,940; achieved 98.03% test accuracy.

### LanCon

GitHub

Android-based LAN messaging and file-sharing app for offline communication over local Wi-Fi. Built using Java and XML.

## EDUCATION

---

### TMSS Engineering College

*Affiliated with University of Rajshahi*

B.Sc. in Computer Science and Engineering; CGPA: 3.10 / 4.00

Bogura, Bangladesh

Session: 2019 – 2020

## PROGRAMMING SKILLS

---

**Languages:** C, C++, Java, Python, PHP, JavaScript

**Technologies:** Android (Java/XML), PyQt5, REST APIs, Laravel, Node.js, Express.js, MySQL, MongoDB, Git, Docker

**Machine Learning & AI:**

- Tools: scikit-learn, TensorFlow, Keras, Pandas, OpenCV
- Experience: Data preprocessing, transfer learning, fine-tuning deep learning models, evaluating model performance

## CERTIFICATIONS

---

<b>Google Project Management: Specialization</b> Credential ID: D6UOPN7VYQWQ	Oct 2024
---	----------

<b>Software Engineer (HackerRank)</b> Credential ID: 51b35f10640d	Sep 2024
--	----------

<b>Software Engineer Intern (HackerRank)</b> Credential ID: 56519E75DEA2	Jun 2024
---	----------

<b>SQL (Basic) (HackerRank)</b> Credential ID: 05d478e6f14c	Dec 2023
--	----------

<b>Problem Solving (Basic) (HackerRank)</b> Credential ID: BA0BA73C5D61	Nov 2023
--	----------

<b>Introduction to Object-Oriented Programming with Java (Coursera)</b> Credential ID: 7SURR2M3FW9Y	May 2022
--	----------

## COMPETITIVE PROGRAMMING

---

ICPC 2022 Asia Dhaka Regional Contest

ICPC 2023 Asia Dhaka Regional Contest

ICPC 2024 Asia Dhaka Regional Contest

IUT Inter-University Programming Contest (IUPC) 2024

## LEADERSHIP EXPERIENCE

---

<b>President, TEC Programming &amp; Robotics Club</b> <i>TMSS Engineering College</i> Organized programming contests, conducted workshops, and managed club activities.	Aug 2022 – Aug 2023
---	---------------------