Md Read Hasan

Software Engineering Student

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📍 Baluchor , Sylhet, Bangladesh

SKILL

- Problem Solving in C ,C++,Python
- Web Development React ,Laravel, NodeJs
- Android App Development Flutter,Kotlin
- Communication Skills In English (Speaking ,writing and Reading)
- Documentation & Presentation: LaTeX, Slide Design

EDUCATION

B.Sc. in Software Engineering

Metropolitan University, Sylhet
Jan 2022 – Dec 2025
Current CGPA: 3.90 (Without Thesis and internship)

ACADEMIC KNOWLEDGE

- **Neural Networks, AI & Machine Learning** – foundational understanding of deep learning, AI concepts, and ML
- **Embedded Systems & IoT** – basic knowledge of hardware–software integration and IoT applications (Arduino, ESP32)
- **Requirement Engineering** – ability to gather, analyze, and document software requirements
- **Software Design Patterns –** understanding of reusable solutions for common design problems
- **Software Testing** – familiarity with testing methods to ensure quality and reliability
- **Software Project Management** – basics of project planning, scheduling, and team coordination
- **Digital Marketing** – understanding of online promotion, SEO, and digital strategies
- **Cloud Computing (AWS)** – basic understanding of EC2, S3, IAM, and cloud services

WORK EXPERIENCE

Mentor-MU Programming Olympiad

August 2023 & May 2025

- Actively engaged in content creation and mentoring.
- Designing project & planning

Mentor-ACM Workshop

January 2024 to Present

- Actively engaged in content creation and mentoring.
- Designing project & planning
- Working on designing

PROFILE

I am Read Hasan, a Software Engineering student with a solid foundation in programming and app development. Experienced in React and Flutter, I am passionate about problem-solving and eager to apply my skills to real-world projects while continuously learning and growing as a developer.

CODING PROFILES

- Codolio - riad535 : 400+ Problems Solved
  URL: https://codolio.com/profile/riad535 + beecrowd + VS contest

PROJECTS/THESIS

- **IoT Auto Attendance System** | ESP32, Python, OpenCV, ML
  Built an automated attendance system using face recognition with a custom linear model, integrating ESP32 IoT hardware and Python ML software for real-time detection and record management. (**The Thesis Is Running**)
- **Habit Tracker App** | Flutter
  Designed and implemented a mobile application to track and manage daily habits.
  GitHub Repository
- **E-commerce App** | Flutter
  Built a mobile app with product browsing, cart, and order features for an e-commerce platform.
  GitHub Repository
- **Blood Donation Management System** | React, JavaScript
  Developed a web application to manage blood donation records and requests.
  GitHub Repository

ACHIEVEMENTS

- Participated in MU Inter University Programming Contest 2024
  Position: 12th
- Participated in SUST Inter University Programming Contest 2023
  Position: 106th
- Participated SEC Inter University Junior Programming Contest 2022
  Position: 43th

CO-CURRICULAR ACTIVITIES

Additional Secretary, SWE Innovators Forum (2023–2024)

Organized a **Programming Olympiad** and an **Intra MU Programming Contest**

HOBBIES

Reading Quran and Hadith and Playing outdoor games

REFERENCES

Fuad Ahmed

Associate Professor & Department Head of Software Engineering
Metropolitan University, Sylhet

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