

Abdullah Al Marjuc Talha

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in ABDULLAH AL MARJUC TALHA 🌐 Abdullah Al Marjuc Talha

Summary

Computer Science and Engineering student with all coursework completed, with a Major in Information Systems. Award-winning researcher with a focus on real-time multimodal systems and web-based management solutions. Proficient in full-stack technologies, including **HTML, CSS, PHP, and JavaScript**, with a strong foundation in database management and software quality assurance.

Skills

Technical Skills:

- Languages: PHP, JavaScript, Python, Java, C++, SQL.
- Web Technologies: HTML5, CSS3, Web-based Systems Architecture.
- Databases: MySQL, Star Schema Design, Data Warehousing.
- Testing & Tools: Selenium IDE, Software Quality Assurance (SQA), UAT, SDLC, Git.
- Analysis: Power BI, R (ggplot2), MS Excel.

Academic Projects

i. Real-Time Multimodal Confidence Detection System (Thesis Project)

[GitHub](#) [🔗](#)

- Built a real-time system using JavaScript to track human confidence through facial landmarks and gestures.
- Integrated MediaPipe for facial and hand gesture tracking, achieving 94.97% and won the **Best Poster (Software Category)** at Thesis Day 2025.

ii. Library Management System

[GitHub](#) [🔗](#)

- Developed a web-based application to manage book catalogs and member records.
- Performed **functional and database testing** to ensure zero logic errors and data integrity.

iii. Mobile Analytics Data Warehouse & Market Analysis

[GitHub](#) [🔗](#)

- Designed a Star Schema to analyze 980+ hardware records using **SQL Window Functions and CTEs**.

Leadership & Experience

Executive – Strategic Member *ESAB AIUB Unit Face*

Dhaka

JUNE 2025 - PRESENT

- Manage web-based platforms and lead strategic planning for technical club initiatives.

Co-Founder *Prime Corner - Online Clothing Business*

Dhaka

JULY 2023 - PRESENT

- Managed digital retail operations and utilized data analytics to track inventory and sales trends.

Crew Facilitator *Space Innovation Camp*

Dhaka

JULY 2025 - PRESENT

- Coordinated logistics and team activities for the Second Space Exploration Olympiad.

Volunteering Experience

- The Second Space Exploration Olympiad as a Crew Facilitator on 01 August 2025.
- Research Assistant, ADPC-ICARE Innovation Fund Project, 2024.

Education

AMERICAN INTERNATIONAL UNIVERSITY – BANGLADESH

JAN 2022 – PRESENT

- BSc in Computer Science and Engineering (Major: Information Systems).
- CGPA: 2.95/4.00.

Certifications

Cisco Networking Academy program

JAN 2022 – PRESENT

- IT Essentials: PC Hardware and Software.
- Data Analytics Essentials.

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Reference

Sazzad Hossain

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