

# 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

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### AMERICAN INTERNATIONAL UNIVERSITY – BANGLADESH

JAN 2022 – PRESENT

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

## Certifications

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### Cisco Networking Academy program

JAN 2022 – PRESENT

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

 [Link to All Certificates](#) 

## Reference

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### Sazzad Hossain

*Assistant Professor, Faculty*

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