

# Habib Talukder

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University Address: Nishatnagar, Turag near Dhaka-1230

Permanent Address: Bagadi, Chandpur Sadar Model, Bagra Bazar, Chandpur-3600, Chandpur

## EDUCATION

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Mar 2021 - Mar 2025

**BSc in Apparel Manufacturing and Technology (AMT)**  
BGMEA University of Fashion

Technology (BUFT) (GPA: 3.54/4.00)

School of Textile Engineering and Apparel Manufacturing  
BUFT BS in Waste Management

## RESEARCH EXPERIENCE

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### Using Critical Path Method for Trouser Production Optimization

- Applied Critical Path Method typically used in construction to optimize trouser production layout
- Analyzed real factory data to determine earliest start and finish times for each operation
- Reduced total production time by 87 seconds compared to the traditional layout
- Enhanced workflow efficiency by identifying key operations affecting production time

### Development of Smart Workwear for Real-Time Health and Environment Monitoring

- Designed and fabricated a sensor-integrated garment capable of tracking heart rate, body temperature, and environmental temperature
- Completed full product lifecycle from concept, material selection, and circuit integration to functional prototype testing
- Combined textile engineering and digital technology to enhance worker safety and comfort through real-time data collection

## PROFESSIONAL EXPERIENCE

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### Junior Merchandiser, Romo Fashion Today Limited

January 2025 - Present

- Worked closely with production, washing and quality teams to maintain process consistency from sampling to bulk production
- Analyzed fabric test reports, shade variations, and performance to ensure compliance with buyer standards
- Coordinated the pre-sampling process, ensuring fabric quality, color accuracy, and texture met international buyer specifications
- Supported implementation of sustainable manufacturing practices

### Trainee Merchandising Intern, Romo Fashion Today Ltd., Dhaka

December 2024 - January 2025

- Assisted in developing new garment samples, materials, or designs based on buyer requirements and market trends
- Researched and tested new fabrics, yarns, and trims to improve garment performance, sustainability, and cost efficiency
- Prepared technical reports and communicated with international buyers

# LEADERSHIP EXPERIENCE

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**Vice President, BUFT Apparel Club (BAC)**

August 2024 - March 2025

- Led student initiatives and events on apparel innovation and sustainability
- Coordinated workshops with faculty and industry professionals
- Encouraged teamwork and research collaboration among members

**Class Representative for 7 Semesters - AMT, BUFT**

Organized class activities and facilitated peer collaboration. Supported students in academic planning and problem-solving. Liaised between students and faculty on academic and administrative matters.

**Volunteer, BGMEA Sustainable Event 2023**

Assisted in organizing and managing sustainability-focused workshops and activities. Promoted awareness of sustainable practices in the apparel industry.

# HONORS AND AWARDS

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2024

Final Project Recognition Award – Winner by BUFT Apparel Club

Standing out in Smart Textile and Product Development

Intra University Content Writing Competition – 1st Place

# SKILLS AND INTERESTS

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Research	Data analysis, Academic writing, Report preparation, Literature review
Technical	SPSS, MS Excel (Advanced), AutoCAD for Pattern Design
Language	English (Fluent), Bangla (Native)