

# SAKIB HASAN JEEBON

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## WORK EXPERIENCE (4 Years)

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**Intelligent Resources International (IRI) Limited**, Bangladesh.

**Head of Client Relations and Training** Jan 2024 to Present

- Spearheaded sustainability service strategy, branding, and stakeholder alignment.
- Conducted 20+ stakeholder sessions; launched 3 new services, growing user base 25%.

**Engineering Resources International (ERI) Limited**, Bangladesh.

**Manager – Technical Integration & Training** July 2023 to December 2023

- Developed the **ESG module** and scoring mechanism for the RTIS platform.
- Onboarded 30+ factories; trained 200+ professionals across South Asia.

**RTIS Integration Lead** July 2022 to June 2023

- Built predictive models; reduced waste and improved operational KPIs.
- Ensured data integration across 60+ factories for real-time monitoring.

**Engineer - Sustainable Development Engineering** May 2021 to June 2022

- Performed 80+ energy audits, 40+ chemical assessments, 15+ ETP evaluations.
- Supported 40+ factories under BESTSELLER, achieving significant resource savings

## ADDITIONAL CERTIFICATIONS

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- **Certified Energy Manager** by the Sustainable and Renewable Energy Development Authority (SREDA), specializing in optimizing energy production and consumption for energy-intensive industries.
- **LDC Roster of Experts on National Adaptation Plans (NAPs)** by UNFCCC, contributing to climate-resilient strategies and policy advisory,
- **Climate Action Training (CAT)** developed by the UN Fashion Industry Charter for Greenhouse Gas (GHG) Mitigation.
- **Successful Negotiation: Essential Strategies and Skills** from University of Michigan
- **Using Python for Research** from Harvard University
- **Introduction to Thermodynamics: Transferring Energy from Here to There** from University of Michigan

## STANDARDIZED TEST SCORES

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**Graduate Record Examination (GRE) - March 09, 2023**

Total	Quantitative	Verbal	Analytical
310	160	150	3

**Test of English as a Foreign Language (TOEFL iBT) - June 04, 2023**

Total	Reading	Listening	Speaking	Writing
89	25	24	21	19

## INDUATRIAL TRAINING & WORKSHOP

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### **Industrial Process Unit Operation and Process Control Technique (3 weeks)**

Training Institute for Chemical Industries (TICI), Palash, Narshingdi, Bangladesh

### **Process Safety Engineering: Plant Personnel and Business (1 Day)**

Department of Chemical Engineering and Polymer Science - SUST, Sylhet, Bangladesh

Provide **Chemical Management Training** based on **ZDHC** (Zero Discharge of Hazardous Chemicals) Guidelines for the Environmental Responsible personnel across 15 textile factories.

Provide **Waste and Wastewater Management Training** based on **ZDHC** (Zero Discharge of Hazardous Chemicals) Guidelines for the Environmental Responsible personnel across 18 textile factories.

Led **awareness-raising initiatives** on water, fuel, and resource management, and provided **capacity development training** for textile workers across 25 factories.

## EDUCATION

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M.Sc. In Chemical Engineering Bangladesh University of Engineering and Technology, Dhaka	CGPA: 3.33 / 4.00 Apr 2021 – Mar 2024
B.Sc. In Chemical Engineering and Polymer Science Shahjalal University of Science and Technology, Sylhet	CGPA: 3.33 / 4.00 Jan 2016 - Feb 2021
B.Sc. 2 <sup>nd</sup> Major in Computer Science & Engineering Shahjalal University of Science and Technology, Sylhet	CGPA: 3.37 / 4.00 Jan 2017 - Nov 2019

## RESEARCH EXPERIENCE

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Graduate Thesis on “**Optimizing Biogas Production from Distillery Spent-wash using different Inoculums and Substrates.**“

Supervised by [Dr. Shoeb Ahmed](#)

Undergraduate Thesis on “**Photocatalytic Degradation of Methylene Blue Dye Using ZnO-Carbon Based Composites**“

Supervised by [Dr. Mohammed Mastabur Rahman](#)

## SKILLS

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- Office-365
- Python, C, MATLAB, GitHub, Docker
- Aspen HYSYS
- Adobe Software (Photoshop, Premiere Pro, Illustrator)

## REFERENCES

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[Dr. Shoeb Ahmed](#)

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