



MURAD HOSSAIN

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OBJECTIVE

Passionate and versatile engineering graduate with a thirst for electronics, materials science, and sports technology. Driven by curiosity and a knack for creative problem solving, I aim to develop innovative solutions and cutting-edge sports equipment. As a dedicated triathlete and tech enthusiast, I thrive on challenges and teamwork. I'm excited to bring my unique blend of skills and energy to a dynamic team, contribute to impactful projects, and grow both professionally and personally.

RESEARCH EXPERIENCE

Sep 2023- Present

Graduate Research Assistant, Bangladesh Atomic Energy Center, Dhaka

- Developed and optimized synthesis methods for Mo Doped NiZnF.
- Characterized materials using XRD, SEM, and VSM techniques.
- Explored potential applications in electronics and magnetic storage.
- Collaborated with interdisciplinary teams to integrate findings.
- Maintained a safe and compliant laboratory environment.

Undergraduate Thesis

Nov 2022- May 2023

- Designed MZI based electro optic switches using Lumerical FDTD.
- Conducted performance studies to optimize optical efficiency and switch behavior.
- Analyzed results to enhance switch performance and documented key findings.

WORK EXPERIENCE

Co Owner & Chief Executive, Limitless

Apr 2024 - Present

- Sourced high-quality fitness, sports, and travel products.
- Developed effective sales & marketing strategies based on market analysis.
- Managed and optimized the e-commerce platform.

Co Founder & Cheif Marketing Officer, Swojon

Jul 2023- Present

- Developed and executed data-driven marketing strategies & Contents.
- Integrated advanced technologies to enhance user experience.
- Optimized marketplace performance for scalability and efficiency.
- Led cross-functional teams to align marketing and technical goals.
- Analyzed market trends to drive product innovation and growth.

Head Coach, Chittagong University Cyclists

Jun 2023 - Present

- Planned and implemented comprehensive training programs for cyclists.
- Organized workshops and events to enhance cycling skills and safety.
- Collaborated with team members to set and achieve performance goals.
- Monitored progress and provided personalized coaching and feedback.

Math & Phisics Instructor (Home Tutor)

Apr 2018 - Apr 2024

- Designed personalized lesson plans, transforming complex topics into engaging content.
- Boosted student performance through interactive activities and tailored feedback.

EDUCATION

MSc. Engineering in Electrical & Electronic Engineering

Jun 2023 - Present

- University of Chittagong- 1st Semester CGPA: 3.58
- Thesis ongoing "Synthesis & Characterization of Mo Doped NiZnF & its Application".

BSc. Engineering in Electrical & Electronic Engineering

Jan 2018 - Dec 2021

- University of Chittagong- CGPA: 3.27
- Thesis on "Design Aspects & performance Study of MZI Based Electro-Optic Switch".

SKILL AND EXPERTISE

- **Programming:** MATLAB, C, HTML, CSS, JavaScript
- **Simulation:** Advanced Design System (ADS), Ansys Lumerical, Cisco, Proteus, Pspice
- **Data Visualization:** OriginPro, MatLab, Excel
- **Paper Formatting:** LaTeX, Microsoft Office, Google Docs
- **Designing & Graphics:** Adobe Photoshop, Illustrator, Microsoft PowerPoint, Midjourney, Canva
- **Video and Audio Editing:** Filmora, Inshot, Suno.ai, Veed.io

CERTIFICATION AND ACHEIVEMENTS

Course Certification

- Microsoft 365 Fundamentals Specialization
- Prompt Engineering for ChatGPT Specialization
- Sports Data Analytics Specialization
- Certified Trainee, General Electric Manufacturing Company Limited, Bangladesh Steel and Engineering Corporation
- Certificate on Chinese (1 year), IML, University of Chittagong

Acheivements

- **Bangla Channel Swimmer:** 243rd swimmer in the Bangla Channel record book
- **Saka Hafong Summit:** Summited the highest peak in Bangladesh 2022
- **Ultra Marathon Runner:** Completed MDU season-3 & VDHM Ultra marathon Challenge 2024

VOLUNTARY ACTIVITIES

- Vice president of Lakshmipur Zilla Student Association, Chittagong University. (Kind of student welfare club)
- EX Cadet at BNCC (Jan 2019- Mar 2020)
- Member & active blood donor at KONIKA
- Member of Chittagong University Robotic and Innovation Club (CURI)

LANGUAGE

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|--------------------------------------|----------------------------|
| • Bangla (Native) | • Hindi (Limited Working) |
| • English (full working proficiency) | • Arabic (Limited Working) |
| • Urdu (Limited Working) | • Chinese (Elementary) |

REFERENCES

Dr. Jamal Uddin Ahamed

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Sabuj Chowdhury

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