MD SHAHARIAR MORSHED JAHIN

Fisheries Undergraduate | Biotechnology & Bioinformatics Enthusiast

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Profile Summary

Undergraduate student at Gazipur Agricultural University, pursuing a BS in Fisheries with a strong interest in biotechnology, bioinformatics, and programming. Experienced with Python, R, and JavaScript, and passionate about using computational tools to solve biological problems.

Education

Gazipur Agricultural University, Gazipur
B.Sc. in Fisheries (2021 – Present)

Focus: Biotechnology in aquaculture, genetics, hatchery techniques, bioinformatics
Birshreshtha Noor Mohammad Public College, Dhaka
HSC (Science), 2020 – GPA: 5.00

Thakurgaon Govt. Boys' High School, Thakurgaon
SSC (Science), 2018 – GPA: 5.00

Experience

Vice President – IT Society, Gazipur Agricultural University
Jun 2024 – Present
• Organized tech workshops on programming and bioinformatics
• Led student-focused web tool development

Sub-secretary of Publicity – Rangpur Divisional Student Welfare Organization, GAU
Oct 2024 – Present

Secretary of Publicity – Prothom Alo Bondhushova, GAU Unit
Jan 2023 – Feb 2025

Advisor – Science Club, Thakurgaon Govt. Boys' High School
Jan 2017 – Dec 2018

Projects
Quiz App – Web-Based Assessment Tool
• Developed a quiz submission tool with Google Sheets integration
• Tools: JavaScript, HTML, Supabase

Technical Skills
• Programming: Python, R, JavaScript
• Bioinformatics Tools: BLAST, PyRx, Discovery Studio, Bioconductor
• Data Analysis: Pandas, ggplot2
• Design: Adobe Photoshop
• Web Development: HTML, Google Apps Script, GitHub

Research Interests
• Aquatic Genetics and Genomics
• Molecular Docking & Natural Compounds
• Proteomics & Transcriptomics
• Aquaculture Nutrition & Hatchery Management

Languages
• Bengali – Native (Reading, Writing, Speaking)
• English – Fluent (Reading, Writing, Speaking)