

# Mazedul Islam Rion

Dhaka, Bangladesh · +880-130-7011634 · rionislam6348@gmail.com  
rionislam.github.io · github.com/rionislam

## PROFESSIONAL SUMMARY

Highly motivated Computer Science and Engineering student at AIUB with 4+ years of freelancing experience in web development. Currently serving as Head of IT at Nebula Research Society and R&D Member at AIUB Computer Club. Passionate about building scalable tools, open-source contribution, and competitive programming. Skilled in full-stack development, system design, and technical SEO.

## EXPERIENCE

### Head of IT

*Nebula Research Society*

2025 – Present

[nebulars.org](http://nebulars.org)

- Leading technological initiatives and development projects for the organization.
- Developed and currently maintaining a custom CMS using HTML, CSS, Tailwind, JavaScript, PHP, and MySQL.
- Managing technical SEO strategies to ensure high online visibility.
- Responsible for server management and maintenance, ensuring optimal performance and uptime.

### General Member (R&D Team)

*AIUB Computer Club*

2025 – Present

*Dhaka, Bangladesh*

- Active member of the Research and Development team, participating in technical workshops.
- Volunteered in various public events and supported the coordination of club activities.

### Freelance Web Developer

*Fiverr & Remote Marketplaces*

2020 – Present

*Remote*

- Delivered responsive and high-performing web applications for diverse international clients.
- Managed full project lifecycles from requirement gathering to deployment and maintenance.

## EDUCATION

### B.Sc. in Computer Science and Engineering (CSE)

*American International University-Bangladesh (AIUB)*

2024 – Present

*Dhaka*

### Higher Secondary Certificate (HSC)

*Government Mujib College*

2022 – 2023

*Tangail*

- **Group:** Science (Higher Math as 4th Subject)

### Secondary School Certificate (SSC)

*Sakhipur PM Pilot Model Govt. School and College*

2019 – 2021

*Tangail*

- **Group:** Science (Biology as 4th Subject)

## PROJECTS

### Magna Dokan

Full-stack Web Application

- A modular web application providing free PDF books using Google Drive API.
- **Tech Stack:** HTML, CSS, PHP (OOP), PHP Fast Cache, MySQL.

### PhpRouter

Open Source Tool

- A custom PHP router designed for efficient and lightweight web traffic routing.
- **Tech Stack:** PHP (OOP).

### BDIX-Tester

Network Utility

- Python tool to identify available BDIX media servers to optimize network usage.

- **Tech Stack:** Python.

## CERTIFICATIONS

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• <b>Galactic Problem Solver</b> , NASA International Space Apps Challenge	Oct 2025
• <b>IT Essentials</b> , Cisco Networking Academy	Oct 2025
• <b>JavaScript Algorithms and Data Structures</b> , freeCodeCamp	Sept 2021

## COMPETITIONS & HACKATHONS

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<b>NASA Space Apps Challenge 2025</b>	2025
<i>Team Kosomics</i>	<i>Technical Co-Lead</i>

- Co-led the technical team in designing scalable architecture involving **edge servers and data processing**.
- Collaborated to solve complex space-related challenges using scalable architecture.

## TECHNICAL SKILLS

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- **Languages:** JavaScript, PHP, Python, C, C++
- **Web Development:** React, Tailwind CSS, HTML5, CSS3, MySQL
- **Tools & Platforms:** Git, Linux, Photoshop, Figma, Adobe XD
- **Concepts:** Data Structures, Algorithms, Technical SEO, Server Management

## COMPETITIVE PROGRAMMING

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- **Codeforces:** Pupil coder
- **LeetCode:** Solved 29+ problems