

Mazedul Islam Rion

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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

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|--|---|
| Head of IT
<i>Nebula Research Society</i> | 2025 – Present
<i>nebulars.org</i> |
| <ul style="list-style-type: none">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)
<i>AIUB Computer Club</i> | 2025 – Present
<i>Dhaka, Bangladesh</i> |
| <ul style="list-style-type: none">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
<i>Fiverr & Remote Marketplaces</i> | 2020 – Present
<i>Remote</i> |
| <ul style="list-style-type: none">Delivered responsive and high-performing web applications for diverse international clients.Managed full project lifecycles from requirement gathering to deployment and maintenance. | |

EDUCATION

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| B.Sc. in Computer Science and Engineering (CSE)
<i>American International University-Bangladesh (AIUB)</i> | 2024 – Present
<i>Dhaka</i> |
| Higher Secondary Certificate (HSC)
<i>Government Mujib College</i> | 2022 – 2023
<i>Tangail</i> |
| <ul style="list-style-type: none">Group: Science (Higher Math as 4th Subject) | |
| Secondary School Certificate (SSC)
<i>Sakhipur PM Pilot Model Govt. School and College</i> | 2019 – 2021
<i>Tangail</i> |
| <ul style="list-style-type: none">Group: Science (Biology as 4th Subject) | |

PROJECTS

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|--|-----------------------------------|
| Magna Dokan | Full-stack Web Application |
| <ul style="list-style-type: none">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 |
| <ul style="list-style-type: none">A custom PHP router designed for efficient and lightweight web traffic routing.Tech Stack: PHP (OOP). | |
| BDIX-Tester | Network Utility |
| <ul style="list-style-type: none">Python tool to identify available BDIX media servers to optimize network usage. | |

- **Tech Stack:** Python.

CERTIFICATIONS

- **Galactic Problem Solver**, NASA International Space Apps Challenge **Oct 2025**
- **IT Essentials**, Cisco Networking Academy **Oct 2025**
- **JavaScript Algorithms and Data Structures**, freeCodeCamp **Sept 2021**

COMPETITIONS & HACKATHONS

NASA Space Apps Challenge 2025

2025

Team Kosomics

Technical Co-Lead

- 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

- **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

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