

HABIBUR RAHMAN MASUM

+8801794669675 | hrmasum67@gmail.com | Joar Shahara Bazar, Vatara, Dhaka

 <https://github.com/hrmasum99/> |  <https://www.linkedin.com/in/hrmasum99/>

PROFILE

Aspiring Software Engineer with internship experience in front-end and full-stack development. Skilled in Next.js, NestJS, Redux Toolkit, PostgreSQL, and ASP.NET, with strong foundations in programming, problem-solving, and scalable application development.

EDUCATION

American International University-Bangladesh

Dhaka, Bangladesh

Bachelor of Science in Computer Science and Engineering

2022 – 2025

- CGPA: 3.92
- Honors & Awards: Academic Scholarship, Dean's List Honors

EXPERIENCE

Workspace Infotech Limited

Nikunja-2, Khilkhet, Dhaka

Front-End Developer Intern

June 2025 – September 2025

- Contributed to an in-house ERP project by identifying and fixing front-end bugs using Bootstrap and Laravel, improving UI consistency and performance.
- Designed and developed a demo Task Manager application (like Trello) with Next.js, Redux Toolkit, and RTK Query, focusing on state management and task workflows.
- Collaborated with senior software engineers, participated in code reviews, and followed industry's best practices.
- Enhanced skills in front-end development, debugging, state management, REST API integration, and version control (Git).

SKILLS

Programming Languages: C++, Java, C#, Python, PHP, JavaScript, TypeScript

Frameworks & Libraries: ASP.NET, Node.js, NestJS, Next.js, Redux Toolkit, RTK Query, Bootstrap

Databases: SQL Server, MySQL, PostgreSQL

Tools & Platforms: Git, GitHub, Postman, Figma, Canva, Draw.io

PROJECTS

Event-buddy | Tech: NestJS, Next.js, PostgreSQL, JWT, Redux

- A web platform that enables users to search for events, check upcoming events and history, purchase tickets using the SSLCommerz payment gateway, generate pdf and send invoices and tickets via mail.
- <https://github.com/hrmasum99/event-buddy> | vercel: <https://event-buddy-bd.vercel.app>

Entrepreneurial Idea Showcase Platform | Tech: Backend – NestJS, Frontend – Next.js, PostgreSQL, TypeORM, JWT

- A web platform enabling entrepreneurs to submit, evaluate, and secure Investments in their business ideas. It supports multiple user roles, including entrepreneurs, judge-sponsors, event coordinators, and admins, ensuring seamless idea management, event coordination, feedback, and investment tracking.
- <https://github.com/hrmasum99/Entrepreneurial-Idea-Showcase-Platform>

Public Fund and Welfare Management System | Tech: C#, SQL Server, Winforms, .NET Framework

- This desktop application allows users to donate funds for social events and contribute as volunteers. The platform acts as a centralized system for efficiently managing events, donations, sponsors, and volunteers.
- <https://github.com/hrmasum99/Public-Fund-And-Welfare-Management-System>

Event Management System | Tech: ASP.NET Web API, Entity Framework, SQL Server, SOLID, n-tier architecture

- This Web platform allows users to register, create, view, and manage events, send RSVP reminders via email, and integrate Google Maps for event locations using a .NET Web API backend.
- <https://github.com/hrmasum99/Dot-NET/tree/master/Event%20Management>

PUBLICATIONS

- "Smart Home Cleaning Automation: A GSM Integrated Autonomous Robot for Efficient Household Maintenance", 27th International Conference on Computer and Information Technology (ICCIT 2024).
- "Smart Home and Garden Management System with Environmental Monitoring and Automation", Conference: 2025 IEEE International Conference on Quantum Photonics, Artificial Intelligence, and Networking (QPAIN 2025)

REFERENCES

MD. FARUK ABDULLAH AL SOHAN

Lecturer, Faculty of Science and Technology

American International University-Bangladesh

faruk.sohan@aiub.edu | +8801777699321