Md. Rifat Hossain

B.Sc. in CSE

I'm Rifat, a Software Engineer with 2 years of experience, graduated from American International University-Bangladesh. I've cultivated my programming and problem-solving skills throughout my academic and professional journey. Now, I'm seeking for a new role to explore fresh opportunities and contribute with my expertise to a dynamic team. *Learn more*

Contact Information

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Familiar With

- ASP .NET
- ASP .NET Core
- MS SQL
- Python
- C#
- React

Tools

- GitHub
- Tortoise SVN
- Postman
- Jira
- Docker
- Figma
- Diagram.io
- Draw.io

Interests

- Software Engineering
- Backend Development
- Software Architecture
- Database Design

Education

- **2019 – 2022**　**American International University-Bangladesh.**
  B.Sc. in Computer Science & Engineering.
  CGPA: 3.85 out of 4.00.

- **2016 – 2018**　**Cambrian School & College.**
  Higher Secondary Certificate (HSC).

- **2014 – 2016**　**Cambrian School & College.**
  Secondary School Certificate (SSC).

Technical Skills

- **PHP**
- **Laravel**
- **MySQL**
- **JavaScript**

Experience

Software Engineer

Microdeft　　　　　　　　　　　　　　　*Banasree, Dhaka*

Dec 2022 – Present

Responsibilities:

- Actively engaged as a **Software Engineer**, contributing to various projects within a team setting and autonomously.
- **Architected, implemented database, developed backend and RESTful APIs** for diverse applications, including single or multivendor E-commerce, Job Portal, Lead Management system, and Hotel Reservation system from initial concept to full deployment.
- Implemented multiple national and international **Payment Getaways.**
- Implemented advance full-text search such as **Meilisearch**
- **Maintained** and **upgraded** multiple Raw PHP projects ranging from PHP version 7.3 to 8.1.

Skills:

- PHP, Laravel, MySQL, AJAX, Redis.

Tools:

- GitHub, Postman, Docker, Diagram.io.

Personal Projects

- **RMG Solution (E-commerce, Wholesale):**
    - Web Application that connects small garments owner and buyers.
    - Buyers posts orders and sellers does counter offer.
    - **CRUD** operation, **AJAX** searching and sorting.
    - Login authentication, email validation and verification.

    Technologies: Laravel, JavaScript, MySQL, CSS, Bootstrap.
    Learn more at GitHub →

Official Projects

- **Multivendor E-commerce**
    - **Developed backend & database** including all multivendor e-commerce functions.
    - Developed **admin & seller** panel and **RESTful APIs** for frontend**.**
    - **Separate project** for admin and vendor.
    - Easy checkout, **quick order** features and **payment** getaways implemented.
    - Full-text search **Meilisearch** and **Redis** for cache.
    - **Role & permission-based** authentication.

    Technologies: Laravel, JavaScript, MySQL, CSS, Bootstrap.
    Live link →

- **Job Portal**
    - **Developed backend & database** including job post, job apply and candidate selection.
    - Developed **admin panel and RESTful APIs** for employer and job seeker.
    - **Ai cv builder** implemented.
    - Candidate **selection, rejection, blocking, bulk cv** download and many other advance features.
    - **Role & permission-based** authentication.

    Technologies: Laravel, JavaScript, MySQL, CSS, Bootstrap, GPT.

Publications

- **IEEE Access**
    - **M. Rifat Hossain**, F. A. Nirob, A. Islam, T. M. Rakin and M. Al-Amin, "**A Comprehensive Analysis of Blockchain Technology and Consensus Protocols Across Multilayered Framework**," in *IEEE Access*, vol. 12, pp. 63087-63129, 2024, doi: 10.1109/ACCESS.2024.3395536.