

# Md. Mahmudul Hassan

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Github: <https://github.com/mahmudulhassanrana>



## Career Objective:

To begin career in a reputed organization here I can use my knowledge and skills in the best possible way for achieving organizational goals.

## Professional Qualification:

- **Bangladesh Association of Software and Information Services (BASIS)**  
BDBL Bhaban, 5th Floor(West), 12 Kawran Bazar, Dhaka-1215
  - **Designation:** Software Engineer
  - **Job Nature:** Full-Time
  - **Duration:** 10-6-2023 to Present
  - **Responsibility:** Developing new websites as required and upgrading existing websites to meet industry standards. Collaborate with the senior's and the development team to understand project requirements and contribute to the design and development of software solutions. Write clean, efficient, and maintainable code in accordance with coding standards and best practices. Collaborate with the seniors to identify and optimize areas of the software for improved performance, scalability, and efficiency. Assist in troubleshooting and debugging issues to identify and resolve software error & bugs. Continuously enhance technical skills and knowledge of software development methodologies, tools, and technologies. Assist in creating and maintaining documentation, including code documentation, user guides, and technical specifications. Assist in analyzing software requirements, helping to ensure a clear understanding and alignment between project goals and technical implementation. Work efficiently to meet project deadlines, seeking guidance from the senior's when needed to ensure on-time project completion. Contribute to the development and maintenance of test cases and test plans to ensure proper software testing and quality assurance. Provide technical support to end-users by investigating and addressing software-related inquiries or issues. Perform any other duties to be assigned by the authority time to time.
- **Luminous Labs**  
Dhaka, Bangladesh
  - **Designation:** Laravel Developer
  - **Job Nature:** Full-Time
  - **Duration:** 08-5-2022 to 31-5-2023
  - **Responsibility:** Communicate with other backend and front end engineers, Create and deploy web apps using the Laravel framework, Create server-side logic to handle front-end inputs, Identify and correct flaws identified in the code, Work with SQL databases, Ensure that all database inputs have been parameterized, Ensure that the relevant security standards are in place, Make sure you've built unit test cases to ensure your code is operating as intended and to avoid potential security issues, Create written documentation for each component, building and maintaining modern web applications using standard web development tools, writing clean and secure modular codes that have undergone strict

testing and evaluation, checking the validity and consistency of HTML, TailwindCSS and JavaScript on different platforms, debugging and resolving technical issues, maintaining and designing databases, performing back-end and User Interface (UI) tests to enhance the functionality of an application, collaborating with other developers (front-end, back-end, mobile app, etc.) and project managers to move the software projects faster, documenting the task progress, architecture, and development process, keeping up-to-date with the latest technology trends and best practices in Laravel development.

- **BugsBD Limited**

Dhaka, Bangladesh

- **Designation:** Software Developer
- **Job Nature:** Full-Time
- **Duration:** 1-12-2020 to 30-4-2022
- **Responsibility:** Modifying software to fix errors, adapt it to new hardware, improve its performance, or upgrade interfaces, Directing system testing and validation procedures, Directing software programming and documentation development, Consulting with departments or customers on project status and proposals, Working with customers or departments on technical issues including software system design and maintenance, Analyzing information to recommend and plan the installation of new systems or modifications of an existing system, Consulting with engineering staff to evaluate software hardware interfaces and develop specifications and performance requirements, Designing and developing software systems using scientific analysis and mathematical models to predict and measure outcomes and design consequences, Preparing reports on programming project specifications, activities, or status, Conferring with project managers to obtain information on limitations or capabilities.

- **IQSA Soft**

Dhaka, Bangladesh

- **Designation:** Junior Software Developer
- **Job Nature:** Part-Time
- **Duration:** 1-4-2019 to 30-11-2020
- **Responsibility:** Assisting the development manager with all aspects of software design and coding, Attending and contributing to company development meetings, Learning the codebase and improving your coding skills, Writing and maintaining code, Working on minor bug fixes, Monitoring the technical performance of internal systems, Responding to requests from the development team, Writing reports, I am developing some modules for **IQSA News** and **IQSA Theme**. In addition, work as a (**Digital Marketing Executive**) **IQSA New** (1-5-2020 to 31-10-2020).

### **Academic Qualification:**

- **Postgraduate Degree: M.Sc. in Software Engineering**, Daffodil International University, Faculty of Science & Technology, Year of Passing: 2023
- **Bachelor's degree: B.Sc. in Software Engineering**, Daffodil International University, Faculty of Science & Technology, Year of Passing: 2021
- **Higher Secondary Certificate:** Govt. Shahid Bulbul College, Pabna. Board: Rajshahi. Year of Passing: 2015, Group: Science.
- **Secondary School Certificate:** Pabna Zilla School, Pabna. Board: Rajshahi. Year of Passing: 2013, Group: Science.

## **Technical Skill:**

- **Programming Languages:** PHP, JavaScript
- **Frameworks:** Laravel, Vue3.js
- **Database Management:** MySQL, SQLite, mariadb
- **Web Development:** HTML5, CSS3, JavaScript, jQuery, TailwindCSS, Bootstrap
- **Version Control:** Git, GitLab, GitHub, Bitbucket
- **API Development & Integration:** RESTful APIs, SMTP Mail Server API, Payment Gateway Integration and 3<sup>rd</sup> party API Integration.
- **Tools & Platforms:** Laragon, Plesk, Docker, FileZilla, Postman, XAMPP
- **CMS:** WordPress (custom themes and plugins)
- **Testing & Debugging:** PHPUnit, Chrome DevTools
- **Cloud & DevOps:** AWS (basic), NAS Server, Shared Hosting, CI/CD Pipelines
- **Project Management:** Trello, Jira, Asana
- **Software Documentation:** SRS, Technical Writing

## **Soft Skills**

- Team Collaboration
- Leadership Skill
- Problem-Solving
- Attention to Detail
- Time Management
- Continuous Learning
- Communication Skill
- Organizing Skill
- Analytical Skill

## **Other Skill:**

- YouTube content creator (Funny Bangla)

## **Extra Co-Curriculum Activities:**

- **DIU ISACA Student Group 2018-19**
  - **Designation:** Event Organizer

## **Award and Achievement:**

- **1st runners-up of the Idea Contest, DIU ICT Carnival-2019.**
  - **Project title: DIU Club Organizer (DIU C.O.)**

## **Training activities and Courses:**

- **Participation Certificate of the Workshop on Insight of Cyber Security Research**, Cyber Security Center, Daffodil International University.
- **Basic Cyber Security Course 2018**, DIU ISACA Student Group

## **Personal Strengths:**

- Ability to work in a group as a team player.
- Quick learner.
- Excellent communication skills to build relationship with others
- Ability to organize program.

## **Language Proficiency:**

- Competent in speaking and writing English
- Proficiency in both writing and speaking Bengali
- Moderately speaking and understanding Hindi

## **Personal Information:**

Father's Name : Md. Mahatab Uddin  
Mother's Name : Mst. Marjina Khatun  
Date of Birth : 11th October 1998  
Religion : Islam  
Blood Group : O-  
Nationality : Bangladeshi  
Marital Status : Married  
Permanent Address : 0078-002, Eskender Ali Road, Narayanpur, Pabna-6600  
Present Address : Avenue: 5, Road no: 8, House no: 527, Flat no:B-2, Mirpur DOHS,Dhaka-1216  
Personal Email : mahmud\_rana@outlook.com

## **Declaration:**

I hereby declare that all above-mentioned information is in accordance with fact or truth up to my knowledge and I bear the responsibilities for the correctness of the above-mentioned particular



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Md. Mahmudul Hassan