West Kafrul, Dhaka
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MD. MEHEDI HASSAN

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PROFESSIONAL EXPERIENCE

Trainee Software Engineer J2EE   BJIT Academy   **April 2023 - Present**

- I have acquired knowledge on various J2EE topics. These include the fundamentals of Java programming, Object-Oriented Programming (OOP) concepts, Advanced Java, Design Patterns, JSP and Servlet, JDBC, Spring/Hibernate frameworks, Front-end technologies, React JS, Unit Test & Integration Test, Git-GitHub, Redmine, and AWS. Additionally, I have gained hands-on experience working on real-world projects.

ROJECT & THESIS

- **Augmented Reality Based Learning System for Children's with special Needs**
  Developed a system **which can augment Bengali Alphabets with different interactive 3d scene**. (Used Vuforia AR Engine, C#, Unity)

- **Hello Researcher**
  It's a fully featured **comprehensive web-based tool** for university to manage final year students project and thesis. (Used Spring boot, Spring MVC, React JS)

- **Static Web Server**
  Developed a static web server **(implemented most commonly used features of http1.1 specification)** which can serve static web pages, files. (Used java's server socket, Multithreading API)

EDUCATION

- **BSC. In Computer Science & Engineering**, Green University of Bangladesh
  Achieve **CGPA 3.65 out of 4** and received the Dean's Certificate multiple times. **Major coursework**: Data Structure, Algorithm, Object Oriented Programming, Operating System, Artificial Intelligence, Data Mining, Database System, networking etc.

- **Higher Secondary School Certificates**, National Ideal College
  Achieve **GPA 4.67 out of 5**

- **Secondary School Certificates**, Kathalia Pilot Secondary School
  Achieve **GPA 5 out of 5** and I was awarded the General Merit Scholarship by the Barisal Education Board

PROGRAMMING LANGUAGE & TECHNICAL SKILL

- Programming languages: **C/C++**, **Java**, **Python, JavaScript**
- Frameworks: **Spring Boot**, **React JS**
- Database: **MySQL, MongoDB, Redis**
- Technologies: **Git**, **GitHub, Redmine**

PROBLEM SOLVING SKILL

- **Solved 650+ problems** on various online judges by utilizing a variety of data structures and algorithms
- Online judge Profiles: Codechef @mdmehedihassan **(max rating=1429)**, LeetCode @mdmehedihassan **(solved 300+ problems)**, Hacker Rank @mdmehedihassan , Codeforces @MdMHassan

ACHIVEMENTS

- Got general merit scholarship two times