

# Md. Toriqul Islam Khan Mahal

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Leetcode: [https://leetcode.com/toriqul\\_mahal/](https://leetcode.com/toriqul_mahal/)

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## Career Objective

As a recent graduate in Computer Science and Engineering, I bring a strong analytical mindset and problem-solving skills to the table. I am enthusiastic about entering the professional world and eager to explore diverse career opportunities. My goal is to apply my leadership skill, adaptable and technical skill set to excel in various roles, contribute to organizational success, and embrace continuous learning and growth in any field I choose to pursue.

## Key Personal Skills

- **Communication:** Effectively convey technical information to diverse audiences.
- **Problem-Solving:** Analyze complex issues and devise innovative solutions.
- **Adaptability:** Quickly adapt to new technologies and industry trends.
- **Teamwork:** Collaborate with cross-functional teams to achieve project goals.
- **Time Management:** Prioritize tasks and meet project deadlines efficiently.
- **Attention to Detail:** Thoroughly review and ensure accuracy in work.
- **Research Capability:** Researching new technologies, methods and ideas for the aspects of the intermediate and complex projects
- **Analytical Thinking:** Analyze data to make informed decisions.
- **Customer Focus:** Provide excellent customer service and support.
- **Leadership:** Successfully lead teams and projects towards success.
- **Can-do Attitude:** Ready to take challenge in every matter of situation.
- **Continuous Learning:** Enthusiastic about staying updated with IT advancements.

## Current Education

|      |  |                                  |
|------|--|----------------------------------|
| 2023 | <b>Bachelor of Science (Hons.) in Computer Science and Engineering</b> | CGPA: 3.21/4.00<br>(First Class) |
|      | University: National University, Bangladesh                            |                                  |
|      | Institution: New Model Degree College, Dhaka                           |                                  |
|      | Session: 2017-18   |                                  |
| 2017 | <b>Higher Secondary School Certificate (H.S.C)</b>                     | GPA: 3.25/5.00                   |
|      | Major: Science   |                                  |
|      | Board: Dhaka Board   |                                  |
|      | College: New Model Degree College                                      |                                  |
| 2015 | <b>Secondary School Certificate Examination (S.S.C)</b>                | GPA: 4.28/5.00                   |
|      | Major: Science   |                                  |
|      | Board: Dhaka Board   |                                  |
|      | School: Bashir Uddin Adarsha School and College                        |                                  |

|      |   |                  |
|------|---|------------------|
| 2012 | <b>Junior School Certificate Examination (J.S.C)</b>  | GPA: 4.71/5.00   |
|      | Board: Dhaka Board                                    |                  |
|      | School: Bashir Uddin Adarsha School and College       |                  |
| 2009 | <b>Primary School Certificate Examination (P.S.C)</b> | Marks: 70%       |
|      | Board: Dhaka Board                                    | (First Division) |
|      | School: Morning Star Advance School                   |                  |

## Experience

Executive, Jr. Database Programmer

Bdjobs.com Limited (02/01/2024 to Present)

- Analyzing the Issues lying on the existed queries on the corporate server itself.
- Delivering Data queries successfully on time to the different teams like, SQA, Product, Backend or App Development team as per needed
- Looking for the issues to the slow queries and optimized it well-fashionably.
- Working and managing the different types of data using MSSQL and MongoDB
- Creating new Stored Procedures in MSSQL and also modifying existing stored procedures if any underlying issues occurred in the corporate server.
- Most of the time I've to create queries using MSSQL and MongoDB and generate the data forward into the Spreadsheet or Google sheets.
- Specially, I've to work using with different kinds of techniques including CTE, Window functions, Dynamic SQL and functions to meet the criteria needed for particular team.

## Technical Skills

|                                |  |
|--------------------------------|--|
| Language                       | Java (OOP), JavaScript, PHP, C, C++ (OOP), C#  |
| Frameworks and Libraries       | NodeJS, ReactJS, ExpressJS, React Redux, Spring Boot, Java Swing, React Hooks, Bootstrap, Sass, Laravel, CodeIgniter, ASP .NET CORE, JavaFX, tailwind CSS, jQuery                                |
| Database management            | <b>Relational Database:</b> MySQL, PostgreSQL, MSSQL; <b>SQL:</b> indexing, complex joins and subqueries; <b>NoSQL:</b> MongoDB; Database Administration   |
| ORM technologies               | Spring data JPA, JDBC, Hibernate, Entity Framework, LINQ (.NET)  |
| Web Technologies               | HTML/CSS, Servlet (JEE), JSON, RESTful API, AJAX   |
| Networking and Cloud Computing | Cisco Networking, AWS, Azure and Google Cloud  |
| Software and Tools             | Microsoft Office (Word, Excel, PowerPoint, Visio, Project), Visual Studio Code, STS, Android Studio, Netbeans, Eclipse, IntelliJ IDEA, Microsoft Visual Studio, SSMS, Workbench, MongoDB compass |

## Coursework and Thesis Project

|                                  |  |
|----------------------------------|--|
| Undergraduate Thesis and Project | <b>“Online Game-shop Ecommerce System”</b> an online Web Application Project using JavaScript, ExpressJS, ReactJS, NodeJS and MongoDB, under the guidance and supervision of my project Supervisor and Head of Department, <b>Md. Mehedi Alam Siddiqui</b> , Department of Computer Science and Engineering, New Model Degree College, Dhaka, Bangladesh |
|----------------------------------|--|

|                   |  |
|-------------------|--|
|                   | <b>Project:</b> <a href="https://mahal-ecommerce.onrender.com">https://mahal-ecommerce.onrender.com</a> (Online Game Shop Ecommerce System)  |
| Coursework Papers | <b>“Hospital Management System”</b> a simple Desktop Application Project using Java Language, Java Swing and MySQL for both <b>“Software Engineering”</b> and <b>“System Analysis and Design”</b> courses. |

### **Training and Certifications**

- **Android App Development Certification** – (3 months course) - Dimension IT and Software, February 2021
- **Digital marketing Certification** – (2 months course) - Dimension IT and Software, February 2021
- **CPA and Affiliate Marketing Certification** – (1 month course) - Dimension IT and Software, February 2021
- **SEO Certification** – (3 months course) - Dimension IT and Software, February 2021

### **Language Proficiency**

|                | <b>Reading</b> | <b>Writing</b> | <b>Speaking</b> | <b>Listening</b> |
|----------------|----------------|----------------|-----------------|------------------|
| <b>Bangla</b>  | Excellent      | Excellent      | Excellent       | Excellent        |
| <b>English</b> | Excellent      | Excellent      | Excellent       | Excellent        |

### **Personal Information**

Name: Md. Toriqul Islam Khan Mahal  
 Mother's name: Mrs. Shuli Islam  
 Father's name: Md. Rafiqul Islam Khan  
 Date of Birth: 25/10/1998  
 Present Address: House no. # 253, South Paikpara, Mirpur-1, Dhaka-1216  
 Permanent Address: Vill: Bahadurpur, P.O: Boalia, P.S: Bakerganj, Union: Rangasree, District: Barisal, Division: Barisal Division  
 Religion: Islam (Sunni)  
 Blood Group: B+  
 National ID No.: 4664220300  
 Nationality: Bangladeshi  
 Marital Status: Unmarried  
 Expected Salary: 25,000 – 30,000 /= (Monthly in BDT)

### **Declaration**

I, hereby, declare that all the details mentioned above are in accordance with the truth and fact as per my knowledge and I hold the responsibility for the correctness of the above-mentioned particulars.

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Signature