# Abdullah Al Mahmud

**Full Stack Software Developer**

+8801798171939 | [mahmudmridul.185@gmail.com](mailto:mahmudmridul.185@gmail.com) [LinkedIn](https://www.linkedin.com/in/abdullahalmahmudmridul/) | [GitHub](https://github.com/MahmudMridul)

# PROFESSIONAL SUMMARY

Results-driven **Full Stack Developer** with **3+ years** of experience in designing, developing, and maintaining scalable **web applications**. Proficient in **C#, .NET, React, and SQL** with expertise in building **data-driven applications** and enhancing legacy systems. Passionate about **problem-solving, optimization, and user experience**.

# TECHNICAL SKILLS

* Programming Languages: C#, Java, Python
* Frontend Technologies: HTML, CSS, JavaScript, React, Redux, MUI, Bootstrap, Tailwind CSS
* Backend & Frameworks: .NET, LINQ, Entity Framework
* Databases: MySQL, MS SQL Server, Oracle SQL
* Version Control: Git, GitHub, Tortoise Git, TortoiseSVN, Subversion
* Project Management: JIRA, Trello
* Methodologies: Agile, Scrum
* Data Visualization: Power BI
* Tools: MS Word, Excel, PowerPoint

# PROFESSIONAL EXPERIENCE

Associate Software Developer IQVIA | August 2021 - Present

* **Developed and optimized 2** full-stack applications which are IQVIA’s main product using **C#, .NET, React, and SQL** serving 5+ pharma companies.
* **Led debugging efforts**, resolving 50+ issues.
* **Upgraded and extended** features for **legacy applications**, improving code efficiency and maintainability.
* **Collaborated with cross-functional teams** to gather requirements and deliver client-driven solutions.
* **Wrote and maintained** comprehensive technical documentation for internal and external stakeholders.

# PROJECTS

1. File Converter and Hospital Data Schema Generator
   * Tech Stack: Java, JSP, JavaScript, PowerShell.
   * Upgraded the app installer. Automated schema file generation process reducing manual work by 20%.
2. Quota Management System
   * Tech Stack: .NET, React, SQL Server
   * Built dashboard that enables data visualization. Improving decision making for 100+ users. Upgraded and extended features for legacy application.
3. Sample Management System
   * Tech Stack: .NET, SQL Server
   * Worked on live support for users. Automated duplicate data deletion process saving 5 hours each week.
4. Training Management System
   * Tech Stack: Oracle SQL
   * Worked on live support for users. Extended features of the application. Led effort to resolve 10+ production issues.
5. [Pet Projects](https://github.com/MahmudMridul?tab=repositories)

# EDUCATION

1. BSc in CSE | BRAC University (2017 - 2021) | CGPA 3.60.
2. HSC | Govt. Science College (2014 - 2016) | GPA 5.00.
3. SSC | Govt. Science School (2004 - 2014) | GPA 5.00.

# CERTIFICATIONS

1. [Microsoft Certified: Azure Fundamentals](https://learn.microsoft.com/api/credentials/share/en-us/AbdullahAlMahmud-7212/547A796397975AE6?sharingId=F4377F4D941BC39F)
2. [Microsoft Certified: Azure AI Fundamentals](https://learn.microsoft.com/api/credentials/share/en-us/AbdullahAlMahmud-7212/2473BBB162B1AB0?sharingId=F4377F4D941BC39F)
3. [HackerRank: Problem Solving (Basic)](https://www.hackerrank.com/certificates/91e7e3042b00)
4. [HackerRank: Java (Basic)](https://www.hackerrank.com/certificates/599036d179e6)

# COURSES

1. [Unit Testing for C# Developers (Udemy)](https://www.udemy.com/certificate/UC-6eca7ead-2a01-47dd-b987-53e1972c1f94/)
2. [LINQ Tutorial: Master the Key C# Library (Udemy)](https://www.udemy.com/certificate/UC-362fb99b-98e9-47e4-8f1b-ccc53c0450f4/)
3. [MS SQL Server: Learn MS SQL Server from Scratch (Udemy)](https://www.udemy.com/certificate/UC-efbbf1da-a97c-4cad-88db-328772e90dee/)
4. [RESTful Web API (Udemy)](https://www.udemy.com/certificate/UC-76ba7600-fbc0-433b-b534-3b2d06c0aa9b/)
5. [.NET 5 Web API & Entity Framework Crash Course (Udemy)](https://www.udemy.com/certificate/UC-fc2f459b-9d7a-4082-a119-ab3b81022685/)
6. [SOLID Principles (Udemy)](https://www.udemy.com/certificate/UC-27d6d716-b93b-4b45-b3d1-6a21f16fef52/)