Md Tanvir Rahman

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Professional Summary

Fascinated by the potential of modern technologies to solve complex problems and improve lives. Seeking opportunities to apply technical skills in web development, databases, and Java programming to contribute to innovative projects.

Education

American International University-Bangladesh   **January 2023 – Present**
Bachelor of Science in Computer Science and Engineering   *Dhaka, Bangladesh*

Royal Media College   **2019 – 2021**
Higher Secondary School Certificate (H.S.C) in Science   *Mymensingh, Bangladesh*

Kendua Joyhori Spry Govt High School   **2014 – 2019**
Secondary School Certificate (S.S.C) in Science   *Bangladesh*

Technical Skills

Programming Languages: Java, Python, C/C++, SQL
Web Development: HTML, CSS, JavaScript, Backend Development
Databases: MySQL, PostgreSQL, MongoDB
Tools & Technologies: Git, Linux,Agile Methodologies
Core Competencies: Data Structures, Algorithms, Object-Oriented Programming, Software Development

Certifications

Introduction to Generative AI   **2024**

NASA Open Science   **2024**

IT Essentials   **2023**

Projects

Bank Management System | *C#, MySQL*   **2024**
- Designed and implemented a normalized database schema for core banking operations including accounts, transactions, and customers
- Developed stored procedures and triggers in MySQL to enforce business rules and maintain data integrity
- Built C# modules for transaction processing, account management, and reporting with a user-friendly interface
- Implemented automated backup and recovery solutions to ensure system reliability and data security

Additional Information

Areas of Interest: Artificial Intelligence, Machine Learning, Cloud Computing, System Design
Languages: English (Fluent), Bengali (Native)