



RAKIBUL ALAM

Looking for a challenging growth career where I will get the chance to apply my engineering/technical and educational skills and knowledge in a dynamic way, through dedication and honesty. Skilled in object-oriented programming (OOP), ASP.NET, SQL, RESTful APIs, database integration, and cloud-based architectures. Competent and meticulous.NET software engineer with a track record of using.NET frameworks to create scalable and effective apps. Well-versed in software design and best practices, and proficient in C#, ASP.NET, and SQL. Renowned for their ability to solve problems, work well in teams, and produce high-caliber, maintainable code.

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Educational Qualifications

B.Sc. in Computer Science Engineering (CSE)- 2023

American International University-
Bangladesh

- CGPA: 3.35 out of 4.00

HSC in Science- 2018

Brahmanbaria Gov't College

- GPA: 4.08 out of 5.00

SSC in Science- 2016

Jamsherpur High School

- GPA: 4.61 out of 5.00

CORE SKILLS

Software Development
.NET Framework
Entity Framework
C# Programming
SQL Server
Web Application Design
User Interface Development
Research and Development
Python Programming
Google Analytics
Data Analysis
Image Processing

TECHNICAL SKILLS

ASP.NET | C# | MVC | React | SQL |
JavaScript | MySQL | jQuery | Python |
HTML | CSS | MS Office | Google
Workspace | WPS Office | Git | Canva |
MS PowerPoint | MS Excel |

WORK EXPERIENCE

Engineer, Research and Development

Mar 2023 - Feb 2025

IoT Intern

Mar 2023 - Jun 2023

iTesseract Technologies

Key Highlights:

- Developed unique educational tools and platforms to **boost student confidence** in ESP32 microcontroller programming and IoT device development by 25%.
- Added real-world case studies and projects to the learning framework, **increasing student project completions by 20%**.
- Developed a structured curriculum that increased student understanding of robotics and programming by 40%.

Duties and Responsibilities:

- Researched and developed instructional tools and systems.
- Created curriculum modules on ESP32 microcontroller programming, IoT device creation, robotics, and programming.
- Worked with cross-functional teams to identify industry trends and enrich the curriculum.
- Mentored pupils to encourage learning and innovation.
- Evaluated and gave helpful feedback to students to improve.
- Kept abreast with new R&D innovations and best practices.

PROJECT & RESEARCH WORKS

NGO-Zero Hunger: Developed a web application using Asp .Net Framework | [GitHub](#)

- Researched food scarcity challenges to inform development.
- Designed user-friendly interfaces and ensured functionality.
- Conducted testing and debugging for reliability.

Airplane Ticketing System: Java-based web application | [GitHub](#)

- Analyzed requirements and implemented secure payment gateways.
- Conducted system testing and provided user support.

Bus Reservation and Ticketing System | [GitHub](#)

- Designed a user-friendly interface and integrated real-time updates.
- Conducted testing and collaborated for enhancements.

Signature Verification System using VGG16 By Transfer Learning | [GitHub](#)

- Implemented a deep learning approach for signature verification using VGG16 architecture.
- Developed a system to distinguish between genuine and forged signatures.

Research Title: Enhancing Cervical Cancer Cell Segmentation through Advanced Image Processing: A Double U-Net Approach

COURSE/TRAINING

PCEP - Certified Entry - level Python Programmer- 2023 | OpenEDG Python Institute

Advanced Google Analytics- 2023 | Google

Getting Started With Google Analytics 360- 2023 | Google

Google Analytics for Beginners- 2023 | Google

Google Analytics for Power Users- 2023 | Google

Google Tag Manager Fundamentals- 2023 | Google

Google Tag Manager Fundamentals- 2023 | Google

Introduction to Cybersecurity-2019 | Cisco Networking Academy