

ROKIYA IBNE TANHA

@tanharukiya@gmail.com
Dhaka, Bangladesh

+880-1918969361
In/rukaiya-tanha

House 86, Joynal Market, Uttara, Dhaka
github/RukaiyaTanha



EXPERIENCE

Personal Project: PetHub

.NET, C# & SQL Server

⌚ 2024

- Built a platform to automate pet services, track treatments, and maintain health records, reducing manual work and improving service quality.
- **Outcome:** Reduced manual work and improved quality of service for pets and owners.
- *GitHub: PetHub*

Personal Project: Learnex

Django, Python, HTML/CSS/JS

⌚ 2025 – Present

- Created a web-based system to track student performance, analyze grades, and generate reports.
- **Outcome:** Streamlined academic performance monitoring, enabling faster and more organized evaluation and reporting.
- *GitHub: Learnex*

Personal Project: DineX

C# & SQL Server

⌚ 2023 – 2024

- Developed a system to manage reservations, orders, inventory, and customer feedback.
- **Outcome:** Significantly enhanced operational efficiency and enhanced customer satisfaction by providing information for informed decision making.
- *GitHub: DineX*

PUBLICATIONS

A Comparative Study of Machine Learning and Deep Learning for Brain Tumor Detection

Conference

⌚ 2025

- Focus: Comparison of classical ML models (SVM, Random Forest) and CNNs for brain tumor detection from MRI, highlighting accuracy improvement and robustness across datasets.

An AI-Based Smart Class System for Continuous Academic Performance Analysis and Pattern-Based Learning Monitoring

Journal Work in Progress

⌚ 2026

- Authors: Rokiya Ibne Tanha, Rihab Ansari, Sanjina Hoque, Zaowad Deen
- Focus: Developed an AI-driven system for continuous monitoring of student performance and weak-area detection and integrated analytics and automated feedback to support personalized learning and data-informed academic decisions.

ACHIEVEMENT

Deans Award

Recognized for outstanding academic performance at AIUB

TECHNICAL SKILLS

C# Python Java HTML PHP
CSS JavaScript SQL

.NET Django

SQL Server Database Design
REST APIs MVC Architecture

Git GitHub Visual Studio VS Code

STRENGTHS

Hard-working Problem-solving
Time Management

UI/UX Web Application
Frontend Development
Project Management

EDUCATION

Bsc in Computer Science and Engineering

American International University - Bangladesh

⌚ Sept 2022 – Present

Higher Secondary School Certificate

Uttara High School and College

⌚ 2019 – 2021

REFERENCES

SAZZAD HOSSAIN

@ Assistant professor
✉ sazzad@aiub.edu

Faculty of American International University - Bangladesh