

ROKIYA IBNE TANHA

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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

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