

MD TANVIR ISLAM

Dhaka, Bangladesh

📞 +8801828077520

✉️ Ruhittanvir14@gmail.com

Md Tanvir Islam

Tanvir284

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ruhittanvir14

Summary

I am Tanvir Islam a Computer Science and Engineering student specializing in AI, with hands-on project experience in web development, machine learning, and computer vision. I am an active open-source contributor and competitive programmer, building practical, AI-driven systems. For details, view my GitHub profile. Click here.

EDUCATION

Bangladesh University of Business and Technology, Mirpur-2,Dhaka-1216

jan 2022 – jan 2026

B.sc - Computer Science and Engineering - CGPA - 3.43/4.00

Projects

THE AVIATOR_3D_PLANE

GitHub Link

Engineered a 3D plane game from scratch in C++/OpenGL, managing the full graphics rendering pipeline.

Concrete Comprehensive Strength Predictor

GitHub Link

Developed a predictive ML model that forecasts concrete strength using Python and Scikit-learn.

Cardiovascular Disease Prediction

GitHub Link

Built a Python/Scikit-learn pipeline to analyze clinical data and predict heart disease risk.

E-Commerce-app (Final Year)

GitHub Link

Designed and launched a responsive, full-featured e-commerce app for my final-year project using Flutter.

TECHNICAL SKILLS

Programming: JavaScript, Python, Java, C++,C

Artificial Intelligence: NLP, Computer Vision, Deep Learning (PyTorch, TensorFlow).

Web Development: React, Tailwind CSS, Node.js, Django, Flask, and FastAPI, Plotly/Dash.

Mobile App Development: Dart, Flutter, Kotlin, Java,Kivy,BeeWare.

Data Analysis & Visualization: Pandas, NumPy, Matplotlib, Seaborn, ML pipelines.

3D Graphics & OpenGL: OpenGL-based 3D graphics and game development.

Tools & Version Control: Git, GitHub, Jupyter Notebook, VS Code, Linux environment setup.

CERTIFICATIONS

- IBM AI Developer Professional Certificate
- IBM Data Science Professional Certificate

Achievements

- Ranked 1316/max(1460.specialist) (Pupil) on Codeforces.
- AI Battle 2024: 2nd place — Advance Python (BUBT CSE & AIC).
- Brainstorming Week — Research Poster (AI): 3rd place — BUBT.
- Brainstorming Week — Research Poster (SE): Participation — BUBT.
- Brainstorming Week — Software Development (CSE 300, SkillXchange): Participation — BUBT.
- NDAC 2025 (DIU): Participation — Team NDAC_T104 (AI Cracker).

References

Md. Saifur Rahman

Chairman, Department of CSE

Bangladesh University of Business and Technology

Email: saifurs@gmail.com

Md. Saddam Hossain

Assistant Professor, Department of CSE

Bangladesh University of Business and Technology

Email: mhossain@bubt.edu.bd