TAISEER RAKIIN AHAD

SOFTWARE DEVELOPER & ASPIRING DATA ENGINEER

Dhaka, Bangladesh | Mirpur DOHS | Email: taiseerrakiin@gmail.com

Phone: +8801796582200

Professional Summary

I am a Software Developer and an aspiring Data Engineer with a strong foundation in Deep Learning, Medical Imaging, and Software Development. Experienced in building scalable full-stack applications and leveraging AI for data-driven solutions. Passionate about cloud computing, machine learning, and optimizing system performance. Experienced in research, software engineering, and project development with a track record of teamwork, leadership, and delivering high-impact projects.

Education

Independent University Bangladesh (2019 - 2024)

- B.Sc in Computer Science and Engineering (CSE)
- CGPA: 3.41
- Dean's List (Spring 2021, Spring 2022)
- Dean's Merit List (Summer 2022)
- Research Assistant (2023-2024)

Maple Leaf International School (2009 - 2019)

- Group: Science
- Award for Outstanding Academic Performance (2013)
- Daily Star Award (2016)

Projects and Research

- **Full Stack E-commerce Website Development** *(React.js, Node.js, HTML, Tailwind CSS, Docker)* **– 2025**
    - Built and deployed a scalable e-commerce platform for electronic accessories as a full-stack developer.
    - Engineered a mobile-first frontend with dynamic product listings, cart, reviews, and secure checkout.
    - Developed a RESTful backend with user authentication (JWT + Google OAuth), real-time product/event pricing logic, and MongoDB integration.

- Created a feature-rich admin panel with full CRUD for products, categories, coupons, and warranty claims, including image uploads and bulk CSV imports.
- Implemented Dockerized services for streamlined development and production deployment across frontend, backend, and admin panel.

- **IEEE Conference Paper** on "*Comparative Analysis of Deep Learning Models for Intracerebral Hemorrhage Detection from Computed Tomography*" **(ICCIT 2024)**

- **Arcade Game Development** *(Unity, C#)* **– 2023**
  - Built a physics-based arcade game using Unity Engine & C#.
  - Implemented collision detection & in-game logic.

- **Student Monitoring System** *(Python, JavaScript, PHP, MySQL)* **– 2022**
  - Developed a full-stack student performance tracking system.
  - Integrated an SQL database for efficient student record storage.

- **House Listing Website** *(HTML, CSS, JS, PHP, MySQL)* **– 2022**
  - Created an interactive web platform for real estate listings.
  - Optimized database queries for faster search performance.

- **Portable ECG Machine Prototype** *(Arduino)* **– 2021**
  - Designed and implemented a functional ECG device to measure heart BPM.

Technical Skills

- **Programming Languages:** Python, JavaScript, SQL, Java, PHP, C++, Dart
- **Web & App Development:** React.js, Node.js, Express.js, HTML5, Tailwind CSS, Flutter, MySQL
- **AI & Data Science:** PyTorch, TensorFlow, Deep Learning, Computer Vision
- **Cloud & DevOps:** Docker, Git, Microsoft Azure, REST APIs, MongoDB, JWT Auth, Google OAuth

Soft Skills

- Leadership and Teamwork
- Problem-Solving and Analytical Thinking
- Effective Communication
- Adaptability and Learning Agility
- Ability to Work Under Pressure

Leadership & Volunteering

- Former Head of Documentation, MLIS MUN Club
- Former Event Organizer, IUB Ascension
- Volunteer, Jaago Foundation & Durnibar Foundation
- Former PR Executive, Smile Inventors