

TAISEER RAKIIN AHAD

SOFTWARE DEVELOPER & ASPIRING DATA ENGINEER



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PROFESSIONAL SUMMARY

Software Developer and 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

Masters in Data Science and Analytics

University of Calgary — Alberta, Canada | 2025 – present

B.Sc. in Computer Science and Engineering (CSE)

Independent University, Bangladesh — Dhaka, Bangladesh | 2019 – 2025

- Graduated with **CGPA 3.42/4.00**
- Earned **Dean's List honors** (Spring 2021, Spring 2022)
- Achieved **Dean's Merit List recognition** (Summer 2022)
- Contributed as a **Research Assistant** (2023–2024) on academic projects

Higher Secondary & Secondary Education, Science Group

Maple Leaf International School — Dhaka, Bangladesh | 2009 – 2019

- Received **Award for Outstanding Academic Performance** (2013)
- Honored with **Daily Star Award** (2016) for academic excellence

PROJECTS AND RESEARCH

Full-Stack E-commerce Platform (React.js, Node.js, Tailwind CSS, Docker, MongoDB) — 2025

- Designed and deployed a **scalable e-commerce site** for electronic accessories.
- Built a **mobile-first frontend** with product listings, reviews, cart, and secure checkout.
- Developed a **RESTful backend** with Google OAuth authentication and dynamic product/event pricing logic.
- Created an **admin panel** with full CRUD for products, categories, coupons, and warranty claims (image uploads + bulk CSV imports).
- Implemented **Dockerized services** to streamline development and deployment.

IEEE Conference Paper – ICCIT 2024

“Comparative Analysis of Deep Learning Models for Intracerebral Hemorrhage Detection from CT”

- Authored and presented research comparing deep learning models
- Applied **Grad-CAM** for model interpretability and visualization of critical CT scan regions.

Arcade Game Development (Unity, C#) — 2023

- Built a **physics-based arcade game** with collision detection and interactive in-game logic.

Student Monitoring System (Python, JavaScript, PHP, MySQL) — 2022

- Developed a full-stack platform to **track student performance** and academic progress.
- Integrated an **SQL database** for efficient storage and reporting.

House Listing Website (HTML, CSS, JavaScript, PHP, MySQL) — 2022

- Created an interactive platform for **real estate listings** with user-friendly search features.
- Optimized database queries to **improve search speed and performance**.

Portable ECG Machine Prototype (Arduino) — 2021

- Designed and tested a **functional ECG device** capable of measuring 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

SOFT SKILLS

- **Leadership & Teamwork** – experienced in guiding teams and collaborating effectively
- **Problem-Solving & Analytical Thinking** – skilled at identifying issues and developing solutions
- **Effective Communication** – clear, professional, and adaptable across diverse audiences
- **Adaptability & Learning Agility** – quick to acquire new skills and adjust to changing needs
- **Resilience Under Pressure** – able to perform and make decisions in fast-paced environments

LEADERSHIP & VOLUNTEERING

- **Head of Documentation** — *MLIS Model United Nations Club (Former)*
 - Coordinated and prepared conference documentation, ensuring accuracy and professionalism.
- **Event Organizer** — *IUB Ascension, 2019 (Former)*
 - Planned and managed events, overseeing logistics, team coordination, and participant engagement.
- **Volunteer** — *Jaago Foundation & Durnibar Foundation*
 - Mentored children and supported community outreach and education initiatives.