



Md. Towhidul Alam

Electrical and Computer Engineering Student

 Rajshahi, Bangladesh |  +880 1709-364471

 towhidulalam632@gmail.com

 [LinkedIn](#) |  [GitHub](#)

Professional Summary

BSc candidate in **Electrical and Computer Engineering** at Rajshahi University of Engineering & Technology (RUET) with hands-on experience in software development, machine learning, and web technologies. Currently serving as **Assistant Director of Digital Communication Management** at [Nonprofit Name], leveraging technical skills to drive social impact. Passionate about building scalable solutions and data-driven strategies.

Education

BSc in Electrical and Computer Engineering

Rajshahi University of Engineering & Technology (RUET)

Expected Graduation: [Month/Year]

- **Relevant Coursework:** Machine Learning, Embedded Systems, Data Structures, Software Engineering.
- **Academic Projects:** [Briefly mention 1-2 key technical projects, e.g., IoT systems, ML models].

Higher Secondary Certificate (HSC)

Notre Dame College, Dhaka

[June 2018] – [June/2020]

- GPA: [5.00/5.00]
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Technical Skills

- **Programming:** Python, C/C++, SQL
- **Web Development:** HTML/CSS, JavaScript (Basic)

- **Tools:** MATLAB, Arduino, Git/GitHub
 - **Certifications:**
 - [Python Basics](#)
 - [SQL Basics](#)
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Projects

1. Doctor Appointment System

[GitHub](#)

- Developed a full-stack web app using [Tech Stack: e.g., Python/Django, React, SQL].
- Features: User authentication, appointment scheduling, and real-time notifications.
- Impact: Streamlined booking for 100+ users during testing.

2. TypeMaster (In Progress)

[GitHub](#)

- Building a typing speed analyzer with [Tech Stack: e.g., JavaScript, Node.js].
- Planned features: Real-time analytics, user progress tracking.

3. SKetchRefine:

[Github](#)

a. Shape Detection: The app captures freehand sketches using HTML5 Canvas and applies numerical methods to detect if the drawing approximates a straight line, circle, or ellipse.

b. Shape Refinement: Once a shape is recognized, the app snaps the sketch to a perfect geometric form, turning rough doodles into clean, precise designs.

Languages

- **Bengali** (Native) | **English** (Fluent)
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