

# Taufiq Zahan Tushar

Aspiring Computer Science Undergraduate — Green University of Bangladesh

toufiqtushar99@gmail.com | +880 1648-806191 | linkedin: Taufiq Zahan Tushar | Github: ToufiqTushar

## SUMMARY

I am Taufiq Zahan Tushar, an aspiring Computer Science and Engineering undergraduate at Green University of Bangladesh with a strong foundation in software development, data structures, algorithms, and web technologies. Skilled in Java, C++, MySQL, HTML, CSS, and JavaScript, I focus on building efficient, user-centered solutions. Passionate about problem-solving, teamwork, and continuous learning, I aim to contribute to innovative projects that integrate technical precision with real-world impact.

## EDUCATION

<b>Green University of Bangladesh</b> <i>Bachelor of Science in Computer Science and Engineering</i>	Narayanganj, Bangladesh 2023 – Present
<b>Government Laboratory High School</b> <i>Higher Secondary Certificate (Science), GPA: 5.00</i>	Dhaka, Bangladesh 2020
<b>Natun Palton Line School and College</b> <i>Secondary School Certificate (Science), GPA: 5.00</i>	Dhaka, Bangladesh 2018

## TECHNICAL SKILLS

**Programming:** C, C++, Java,

**Web Development:** HTML, CSS, JavaScript, React (Basic)

**Database Management:** MySQL, Database Design

**Tools:** Git, GitHub, VS Code, NetBeans

**Core Concepts:** Object-Oriented Programming, Data Structures, Algorithms

**Soft Skills:** Teamwork, Communication, Leadership, Problem Solving

## PROJECTS

- **Emolog – Your Daily Emotion Tracker (Java):** Developed an emotion tracking desktop application with GUI and data visualization. Implemented file-based data persistence and analysis of mood trends using Java Swing.
- **Array Multiplier (Computer Architecture – Java):** Implemented a digital logic-based array multiplier to perform binary multiplication, showcasing knowledge of low-level computation and logical gate design.
- **NutriNet – Optimized Nutrition & Health Planner (Java, MySQL):** Developed a personalized health and nutrition planning system that suggests optimized meal plans based on user preferences, nutritional requirements, and budget. Integrated algorithms like Dijkstra's and Prim's for data analysis and implemented a GUI for user-friendly interaction.
- **IPv4 Converter and Visualizer (HTML, CSS, JavaScript):** Built a responsive web tool that converts IPv4 addresses into binary and decimal formats with live validation and visual network representation.
- **GreenUSpeakUp (HTML, CSS, JavaScript):** Designed a university complaint submission website for students to share issues and feedback. Included a comment system and admin-side problem resolution tracking.

## LEADERSHIP AND EXPERIENCE

- **IEEE Computer Society Student Branch Chapter, GUB**  
*Webmaster and Newsletter Editor* June 2025 – Present
  - Upload and manage event reports and documentation on IEEE vTools, ensuring timely and accurate submissions.
  - Collaborate with team members to organize technical workshops and competitions.
- **BASIS Students Forum, GUB Chapter**  
*Information Secretary* June 2025 – Present
  - Collect and organize event and member information for internal reporting and documentation.