

Tanvir Mahamood

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Summary:

Final-year **Computer Science and Engineering** student at **RUET** with strong problem-solving skills, having solved **1300+** problems across competitive programming platforms. Experienced in building production-level full-stack web applications using PHP, JavaScript, MySQL, and Laravel. Developed multiple projects and currently pursuing a Deep Learning-based undergraduate thesis.

Education

Bachelor of Science (B.Sc.) in Computer Science and Engineering March 2022 - Present
Rajshahi University of Engineering & Technology (RUET) CGPA: 3.77 (up to 7th semester)
Higher Secondary Certificate (HSC) June 2018 - April 2020
St. Joseph Higher Secondary School GPA: 5.00

Technical Skills

Programming Languages: C, C++, Java, Python, JavaScript, PHP
Web Development: HTML, CSS, Bootstrap, PHP, JavaScript,
Database: MySQL
Tools & Platforms: Git, Github, Linux, Bash/Shell Scripting, Cisco Packet Tracer
Other: LaTeX

Projects

QueryHub - Online Coding Discussion Platform

[Github Link](#) [QueryHub](#)

- Designed and developed a multi-user web forum with authentication and role-based access control.
- Implemented secure CRUD operations, ownership-based edit/delete permissions, and search functionality.
- Ensured data integrity and session security for multiple users.
- Technologies:** PHP, MySQL, Bootstrap

64bit Kitchen - Restaurant & Food Delivery System

[Github Link](#) [64bit Kitchen](#)

- Built a complete food ordering and delivery platform with user and admin modules.
- Implemented order management, menu control, and admin dashboard functionalities.
- Technologies:** HTML, CSS, JavaScript, PHP, MySQL

Personal Notes Web Application [Github Link](#) [Note](#)

[Web](#)

- Developed a secure web application for managing personal notes with user authentication.
- Implemented create, update, delete, and view functionalities with database persistence.
- Technologies:** PHP, MySQL, Bootstrap, jQuery

Currency Converter [Github Link](#)

[Currency Converter](#)

- Converts user-specified amounts between currencies using real-time exchange rates via an external API.
- Technologies:** HTML, CSS, JavaScript

Weather App [Github Link](#) [Weather App](#)

- Retrieves current weather information for user-specified locations using an external API.
- Technologies:** HTML, CSS, JavaScript

Competitive Programming History

Codeforces: [Tanvir Mahamood](#)

Max rating: 1138

Problems Solved: 777

Leetcode: [Tanvir mahamood](#)

Problems Solved: 315

Global Ranking: Top 51.08%

SPOJ: [tanvir_01](#)

Problems Solved: 18

LightOJ: [tanvir mahamood](#)

Problems Solved: 09

CSES: [Tanvir Mahamood](#)

Problems Solved: 31

VJudge: [Tanvir_2003062](#)

Problems Solved: 197

Experience

Trainee at **Enhancing Digital Government and Economy (EDGE)**

Bangladesh Computer Council (BCC), ICT Division

Duration: May 2024 - Mar 2025

- Completed intensive hands-on training in software development and web technologies.
- Worked with PHP, Laravel, and database-driven web applications.
- Program jointly funded by the **World Bank** and the **Government of Bangladesh**.

Certifications

- PHP (Laravel) Training Certification – EDGE Project, BCC (80 hours)**
- Data Science Math Skills – Duke University (Coursera)**

Interests

Competitive Programming • Software Engineering • Machine Learning • System Design