

# TANVIR MAHAMOOD

✉ [mahamoodtanvir1@gmail.com](mailto:mahamoodtanvir1@gmail.com) | ☎ +88 01742281703 |  [Tanvir-Mahamood](#) |  [tanvir-mahamood](#) |  [tanvirmahamood.netlify.app](http://tanvirmahamood.netlify.app) | 📍 Rajshahi, Bangladesh

## SUMMARY

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Final-year CSE student with problem-solving and web development skills. Solved 1300+ competitive programming problems and pursuing thesis research in medical image analysis.

## EDUCATION

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### BSc in Computer Science & Engineering

Rajshahi University of Engineering & Technology

CGPA **3.77 out of 4.00**

March 2022 - August 2026 (Expected)

## PROBLEM SOLVING ACTIVITIES

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- LeetCode: ([Tanvir.mahamood](#)), **1479 Contest Rating** | Top **51.06** % globally among 800,000+ users,
- Codeforces: ([Tanvir.Mahamood](#)), Max Rating **1138** | **777** Problems Solved

## PROJECTS

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- **ResourceHub – Resource Sharing Platform** [GitHub](#) | [Live](#)
  - Engineered a secure full-stack platform for serving academic resources from private Google Drive storage.
  - Integrated **Google OAuth 2.0** and **Google Drive API** for authenticated access and resource management.
  - **Tech Stack:** PHP, MySQL, JavaScript, Google OAuth 2.0, Google Drive API
- **Online Coding Discussion Platform** [GitHub](#) | [Demo Video](#)
  - Developed a multi-user programming forum with authentication, threaded discussions, and search functionality.
  - Implemented ownership-based CRUD operations and session-managed access control.
  - **Tech Stack:** HTML, CSS, JavaScript, PHP, MySQL
- **64bit Kitchen - Restaurant & Food Delivery System** [GitHub](#) | [Demo Video](#)
  - Built a food ordering platform with user/admin dashboards and dynamic order management.
  - Integrated PDF export using Dompdf, secure database operations with PHP PDO and query-based reporting.
  - **Tech Stack:** PHP, MySQL, JavaScript, HTML, CSS, Dompdf
- **Personal Notes Web Application** [GitHub](#) | [Demo Video](#)
  - Designed a secure multi-user note management system with authenticated CRUD operations and session-based authorization.
  - **Tech Stack:** PHP, MySQL, Bootstrap, jQuery

## SKILLS

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**Languages:** C, C++, Python, Java, JavaScript, PHP

**Web Technologies:** HTML, CSS, Bootstrap, PHP, JavaScript

**Database:** MySQL

**Tools:** Git, GitHub, Linux, Bash

**Web Technologies:** Data Structures & Algorithms, OOP, DBMS

**Machine Learning:** NumPy, pandas, scikit-learn, TensorFlow (Learning)

## EXPERIENCE

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- **Trainee, EDGE Program** May 2024 – Mar 2025, BCC, ICT Division  
Completed hands-on training in software and web development using PHP, Laravel, and databases under a program of *Bangladesh Computer Council, ICT Division* funded by the World Bank and Government of Bangladesh.
- **Industrial Attachment, Code Studio Rajshahi** Mar 2025 – Apr 2025  
Gained practical exposure to workflows, version control, and collaborative development, strengthening skills in requirement analysis, debugging, and solution delivery.

## VOLUNTEER & KNOWLEDGE SHARING

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- **ML Instructor** [RUET Computing Society](#)
  - Conducted introductory ML sessions for 50+ junior students.
- **Tech Content Creator** [YouTube: @tanvirmahamood](#)
  - Published playlists on ML, Networking, Compiler Design, and Image Processing.