

MD. RASHED RAIHAN

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SKILLS

- ❖ **Languages:** C, C++, Python, Javascript(Basic)
- ❖ **Web:** HTML, CSS.
- ❖ **Data Structures and Algorithms:** Solved 2000+ problems across various online judges.
- ❖ **Database Management System(DBMS):** SQL.
- ❖ **Version Control:** Git, GitHub.
- ❖ **Machine Learning:** Familiarity with supervised and unsupervised learning, feature engineering, data preprocessing, model training and evaluation.


COMPETITIVE PROGRAMMING

- ❖ **Competitive Programming Profiles**
 - Codeforces: [rashed_raihan](#) | **Candidate Master** | Maximum rating 1962.
 - Codechef: [rashed_raihan](#) | **5 Star** | Maximum rating 2175.
- ❖ **Individual Contest Achievement** 
 - 2x Top 10 global finishes in CodeChef Starters (Div 1)
 - 3x Top 200 global finishes in Codeforces Div. 2
 - 1005th in Meta Hacker Cup 2025, Round 2
- ❖ **Team Contest Achievement** 
 - Champion — Breaking Code 2.0
 - Runner-up — 8th DRMC International Tech Carnival 2025
 - 4x Top 20 finishes in IUPC, ICPC, and NCPC contests

EDUCATION

- ❖ **B.Sc. in Computer Science and Engineering** (March 2022 - April 2026)
Department of Computer Science and Engineering,
Mawlana Bhashani Science and Technology University


PROJECT

- ❖ **Smart Document Assistant | Python, Machine Learning** 
 - Built an ML-based document classification and information extraction system using TF-IDF and Linear SVM.
 - Developed schema-driven, category-specific extractors for exams, job circulars, routines, scholarships, and seminars.
 - Combined machine learning and rule-based NLP (regex) to extract structured fields such as deadlines, venues, eligibility, and requirements.
 - Designed a modular OOP + MVC architecture, separating data processing, model logic, and extraction pipelines for easy extension and maintainability.

Technology: Python, scikit-learn, NLP, TF-IDF, SVM, Regex, OOP, MVC, Git
- ❖ **CP Journey - Topic Based Rating System | C++, SQL** (Academic)
 - Developed a topic-based rating and progress tracking system for competitive programming practice.
 - Implemented user authentication and full CRUD operations with persistent data storage.
 - Built an interactive web interface with real-time updates for tracking user progress.

Technology: C++, Crow, SQLite, HTML, CSS, JavaScript.

EXPERIENCES AND VOLUNTEER WORK

- ❖ **Advisor and Competitive Programming Instructor – Phitron** (July, 2025 - Present)
 - Conducted **50+ online classes** on competitive programming and DSA | Advised on curriculum design and academic structure for CP tracks.
- ❖ **Founder and Problem Solving Trainer, AL-Techemist**  (Nov, 2023 - Jan, 2025)
 - Conducted **20+ online training sessions** | Organized **20+ online programming contests** | Led **multiple onsite bootcamps** in schools and colleges.
- ❖ **Problem Setter**
 - Intra Brac University Programming Contest, 2025 | NHPC Regional, 2025 | CodeClash – Oscillon 2025 | YCPC Grand Finale 2025.