Rabbi Hasan

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EDUCATION

Bangladesh University of Business and Technology, Mirpur- 02 — *B.Sc*
Department of Computer Science and Engineering   [passing year-2025]
GPA: 3.62 / 4.00

Chuadanga Govt. College , Chuadanga — *HSC*
Department of Science   [passing year-2020]

GPA: 4.83 / 5.00

COMPETITIVE PROGRAMMING   STATUS

- Over all solved total 1800+ problems (*status*)
- *Specialist** at *Codeforces* (Max rating, 1416)
- *3★* at *CodeChef* (Max rating, 1660)
- Meta HackerCup qualified for 2nd round 2024(*push*)
- IUPC UIU 2025 secured "60th" place out of 124 teams (*standing*)
- IUPC DUET 2025 secured "60th" place out of 131 teams (*standing*)
- IUPC AUST 2025 secured "105th" place out of 131 teams (*standing*)
- IUPC PrimeAsia 2024 secured "10th" place.
- ICPC Dhaka Regional preli 2024 placed 6th team in bubt (*standing*)
- ICPC Dhaka Regional preli 2023 placed 9th team in bubt (*standing*)
- Champions of Academic camp contest 2023 "YouKnowWho" (*rank*)
- BUBT contest2024 secured 11th place out of 80 teams (*standing*)
- BUBT contest2023 secured 15th place out of 40 teams (*standing*)
- 50+ solved *LeetCode*
- Gray at *AtCoder* (Max rating, 227)

PROJECTS

1. **Travel and Tourism Management System** — *Detail*
   - **Technology**   Developed using Java, standard Java library packages.
   - **Tools**   Apache NetBeans IDE 22, MySQL Workbench 8.0.38.
   - **Core Features**   User registration and authentication system and booking management for travel packages and accommodations. Customer and booking data using MySQL for database storage.

2. **Plant Monitoring System** — *Detail*
   - **Technology**   ESP8266 NodeMCU, Soil Moisture Sensor, DHT11 Relay Module, Water Pump, 16x2 LCD Display.
   - **Tools**   Arduino IDE, C/C++, Blynk IoT Platform, Wi-Fi.
   - **Core Feature**   Users can digitally monitor soil moisture, temperature, and humidity in real-time.

2. **My_portfolio** — *Detail*
   - **Technology**   HTML5, CSS3, Tailwind CSS and JavaScript 1%.

SKILLS

Language	C, C++, Java, Python, html5, CSS3, SQL, Tailwind CSS.
Learned skills	Data Structures and Algorithms, SDLC, good Knowledge at OOP.
Tools	Codeblocks, Sublime Text, VS Code, NetBeans, Pycharm, Workbench.
Research	Machine learning, numpy, pandas, Tensorflow, keras.
Version control	Git, GitHub, and proficient with Linux and Windows OS.

EXTRA CURRICULAR ACTIVITIES

VOLUNTEER, ICPC   [2023]
As a volunteer at the ICPC, I served as a room guard. My responsibilities included ensuring adequate support for participants, troubleshooting computer issues, and monitoring for unauthorized use of AI tools. If I observed any participant copying code from online sources, I promptly informed the judging panel.

MEMBER, IT CLUB BUBT   [2022-2024]
As a general member of it club, I encouraged students in programming and Organized various programs like (IT contest, ICPC, Intra contest, Programming Camp etc).

TRAINER, CP lab BUBT   [Jan - July]
Guided juniors in initiating competitive programming journeys through goal-setting and strategic planning. Taught problem-solving techniques, essential topics, and effective approaches to various challenges. Assisted individuals in overcoming specific difficulties to enhance overall learning outcomes.