



B M Rauf

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Profile

I am B M Rauf, a Computer Science and Engineering student at BRAC University, Bangladesh. I am passionate about Cybersecurity and Machine Learning, and right now I am diving deeper into both fields. I plan to focus my undergraduate thesis on how Machine Learning can be used to improve Cybersecurity.

While these are my main interests, I am always curious and open to exploring other areas in tech, such as Quantum Computing, Web Development, and more. I love learning new things and enjoy being part of projects where I can grow, build and contribute to something meaningful.

Work and Project Experience

Air Quality Predictor

Machine Learning model to classify air quality levels

Technologies: Python, Pandas, Scikit-learn, Matplotlib, NumPy

github.com/mebmrauf/Air-Quality-Predictor

3D Snake Game

Interactive 3D game with dynamic difficulty and power-ups

Technologies: Python, PyOpenGL, GLUT

github.com/mebmrauf/3D-Snake-Game

Local Event Booking System

Text-based system for booking event tickets (concerts, sports, workshops)

Technologies: Intel 8086 Assembly, EMU8086 Emulator

github.com/mebmrauf/Local-Event-Booking-System

UngaBunga

Platform for local grocery delivery with cash-on-delivery options

Technologies: MERN Stack, Tailwind CSS

github.com/mebmrauf/UngaBunga

Bookworm Buddies

Book Exchange Platform, a system for book sharing and swapping

Technologies: PHP, MySQL, HTML, CSS

github.com/404mahdi/Bookworm-Buddies

Education

BRAC University, Dhaka, Bangladesh

BSc in Computer Science and Engineering

Current GPA: 3.56 / 4.00

Sept 2022 – Present

Maheshpur Government Degree College, Jhenaidah

Higher Secondary School Certificate (HSC)

GPA: 5.00 / 5.00

2019 – 2021

Shankarhuda Bathangachhi Secondary School, Jhenaidah

Secondary School Certificate (SSC)

GPA: 5.00 / 5.00

2017 – 2019

Skills

Programming Languages: Python, JavaScript, Assembly

Web Development: PHP, HTML, CSS, Tailwind, Bootstrap, Express.js, React.js, Node.js

Graphics: PyOpenGL

Version Control: Git, GitHub

Soft Skills

- Active listening
- Ability to communicate in a friendly manner
- Team collaboration and empathy
- Open to constructive feedback and continuous improvement

Leadership and Community Involvement

EK JUBO SONGHO - Founding Member

Jan 2022 – Present

- Helped establish structure for a 20-member youth organization
- Actively contributed to fundraising and strategic planning
- Strengthened leadership and coordination abilities

Additional Information

Languages: Bengali (native), English (fluent)

Interests: Sleeping, Cars, Gardening, Sneakers, Watches