

Ayon Roy

CSE Graduate

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 ayonroycvc@gmail.com |  Middle Badda, Dhaka, Bangladesh |  17 Born: May 29, 2001

Summary

I am a detail-oriented professional and a recent graduate in CSE from BRAC University. Experienced as a Student Tutor, where I helped students in programming issues and problem-solving. Passionate about technology, programming, and continuous learning. Skilled in web development, programming, and machine learning, with experience delivering practical solutions through nine academic projects, including eight group-based projects that strengthened collaboration and leadership skills. Enthusiast to continuous learning and contributing to impactful innovations.

Skills

- **Web Language:** HTML5 (Skilled), CSS (Good), React (Fair), Django (Fair), PHP (Good)
- **Database:** MySQL (Proficient), PostgreSQL (Fair)
- **Programming Language:** Python (Skilled), Java (Good), C (Good), Assembly (Fair)
- **Machine Learning:** Numpy, Pandas, Scikit-learn, Pytorch, Tensorflow, Keras, KNN, CNN, LSTM, BiLSTM, BERT (mT5), BLEU, Transformer (All Proficient).

Thesis Details

NLP - Advancing Bangla Machine Translation Through Informal Datasets

- Pytorch, Tensorflow, Keras, LSTM, BiLSTM, BERT (mT5-large), BLEU

Professional Experience

- Intern, Information Technology** March 2025 - Present
Head Office, NCC Bank PLC.
- Student Tutor**, Computer Science and Engineering Department
(May 2023 - September 2024)
 - Programming Language 1 May 2023 - September 2023
 - Discrete Mathematics October 2023 - September 2024

Education

- Bachelor of Computer Science and Engineering (BSc in CSE)**,
BRAC University October 2020 - October 2024 | **CGPA: 3.9**
- Higher Secondary School Certificate (HSC)**,
Cumilla Victoria Government College 2019 | **GPA: 4.83**
- Secondary School Certificate (SSC)**,
Cumilla Modern High School 2017 | **GPA: 5.00**

Projects

1. **GadgetEarth**: An e-commerce platform (React & Django)
2. **USIS Routine Generator**: University Routine Generator (HTML, CSS, MySQL, JS)
3. **Intercity Transit System**: Bus Ticketing Service (HTML, CSS, MySQL, JS)
4. **Online Payments Fraud Detection**: Classify fraud in online transactions
5. **Detecting Sarcasm in English**: Classification slang and sarcasm in sentences
6. **Blind Stick with Morse Code Response & GSM**: Using Arduino & different Sensors
7. **Snake Game**: Using basic OOP principles
8. **Bowling Game Model**: Graphics game (Pygame)
9. **Water Level Indicator**: Using 3-8 Decoder

Extracurricular Activities

- i. General member at BUCC (BRAC University Computer Club)
- ii. Volunteer at BYSO

Certifications

- i. HP life certified **Effective Leadership**
- ii. Simplilearn certified **Introduction to MS Excel**
- iii. Great Learning Academy certified **Selenium Basics**
- iv. Udemy certified **Data Privacy and Protection Auditor (CDPPA)**

Languages

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| 1. English | Fluent |
| 2. Bangla | Native |
| 3. Hindi | Conversational |

Hobbies

- i. Riding Bicycle
- ii. Traveling

References

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Signature



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