

Ayman Iktidar

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Education

Chittagong University of Engineering and Technology <i>Bachelor of Science in Computer Science</i>	February 2019-June 2024 CGPA: 3.52 / 4.00
<ul style="list-style-type: none">• Relevant Coursework: Data Structures and Algorithms (C++), Discrete Mathematics, Operating Systems, Database Management System, Object Oriented Programming, Software Engineering.	
Chittagong College <i>Higher Secondary Certificate in Science</i>	2016-2018 GPA: 5.00 / 5.00

Experience

Lecturer Chittagong Independent University	Jan 2025 – Present
Adjunct Lecturer International Islamic University Chittagong	Sept 2024 – Dec 2024
Industrial Attachment Intern New Technology Systems Ltd	Sept 2023 – October 2023
<ul style="list-style-type: none">• Built a Progressive Twitter-like app using Oracle Apex.• Learnt about Cloud systems and ERP.	
Competitive Programming Trainer Cuet Computer Club	July 2023 – March 2024

Competitive Programming Achievements

- Solved 600+ programming problems in different coding platforms.
- Participated in 50+ online contests in various coding platforms.
- Codeforces Handle: [Ikti55](#)(Max rating: 1375)
- LeetCode Handle: [Night.Walker](#)

Projects

Translaton <i>NextJS, Tailwind CSS, NodeJS, ExpressJS</i>
<ul style="list-style-type: none">• Developed a translation application that can automatically get speech input from the user and translate into user's preferred language• Implemented functionalities like automatic speech recognition, transcribe and translation using google cloud speech api and deployed on vercel.
Project Management System <i>ReactJS, Bootstrap, NodeJS, MongoDB, GraphQL</i>
<ul style="list-style-type: none">• Developed a Project Management System for the frontend, Bootstrap for responsive design, NodeJS for backend services, MongoDB for database storage, and GraphQL for efficient data retrieval.• Developed a dynamic web platform where users can create, store, edit, and delete their projects.
Golpo <i>ReactJS, CSS, NodeJS, MongoDB, ExpressJS, Socket.IO</i>
<ul style="list-style-type: none">• Developed a dynamic chat-app for user interactions.• Implemented functionalities like selecting avatar as user's profile picture, send messages and emojis.

Research Interests

Computer Vision | Natural Language Processing | Augmented & Virtual Reality (AR/VR)

Publications

Towards Developing an Automatic Punctuation Prediction Model for Bangla Language: A Pre-trained Mono-lingual Transformer-based Approach [\[Link to Paper\]](#)

6th International Conference on Electrical Engineering and Information & Communication Technology (ICEEICT)

- Developed an automatic punctuation prediction model for Bangla Language.
- Used Monolingual Transformer (BanglaBERT-large) to develop the model.

A Multimodal Approach to Bangla Cyberbullying Meme Detection in Social Media [\[Link to Paper\]](#)

27th International Conference on Computer and Information & Technology (ICCIT 2024)

- Utilized Vision Transformer (ViT) for image analysis and pre-trained transformer models for text processing.
- Integrated visual and textual model outputs to enhance accuracy in cyberbullying detection.

Achievements

Served as a Judge at the World Robot Olympiad (Regional Round)

- Invited as a judge to evaluate innovative robotics projects at the regional round of World Robot Olympiad (WRO).
- Provided expert feedback to participants, enhancing the quality of the event.

Best Paper Award at ICEEICT 2024

- Received Second Best Paper Award for the work on, **Towards Developing an Automatic Punctuation Prediction Model for Bangla Language: A Pre-trained Mono-lingual Transformer-based Approach**.
- Recognized for the impact of the transformer-based approach.

Technical Skills

Languages: C, C++, Python, Javascript.

Technologies: React.js, Next.js, Nest.js, Express.js, TensorFlow, PyTorch, Bootstrap, Node.js, Redux, MongoDB.

English Language Proficiency

IELTS – Overall Band: 7.5. **Section Scores:** Reading: 8.0, Listening: 7.5, Writing: 7.0, Speaking: 6.5

References

Dr Aseef Iqbal

Professor

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