



Muhammad Mahbub Sarwar Shafi

LECTURER

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SUMMARY

Dedicated teaching enthusiast with a strong academic record and hands-on experience in tech clubs. Proven ability to engage and support students as a peer mentor, committed to fostering a positive and productive learning environment. Excited to contribute to your esteemed faculty as a Lecturer and help cultivate future tech leaders.

EDUCATION

M.Sc in Information and Communication Engineering

Bangladesh University of Professionals

2024-Present Current CGPA: **3.94**

B.Sc in Information and Communication Engineering

Bangladesh University of Professionals

2020-2024 CGPA: **3.89**

Higher Secondary Certificate

Adamjee Cantonment College

2017-2019 CGPA: **4.83**

Secondary School Certificate

Shaheed Ramiz Uddin Cantonment School

2016-2017 GPA: **5.00**

EXPERIENCE

08/2024- Present Teaching Assistant

Dept. of ICT, FST, Bangladesh University of Professionals

Key Qualifications and Responsibilities:

- Assisting the faculty with the course content and help him conduct the class.
- Creating course materials, helping in marks input, scrutinize and examinations.

11/2022- 12/2022 Full Stack Web Developer (Intern)

Genuity Systems Ltd, Mirpur 11.5, Dhaka

Key Qualifications and Responsibilities:

- Developed an ecommerce website using Laravel framework, PHP, HTML5, CSS3.
- Maintained the software engineering approach such as MVC Pattern, Coding Standard, ER Diagram and more.

SKILLS

- Programming Languages/Database:** Java, C, C++, JavaScript, MySQL, ES6, HTML5, CSS3, PHP, Laravel, React JS, NodeJS, ExpressJS, Tanstack Query, MongoDB, Python,
- Office Software's:** Microsoft Excel, Word, PowerPoint, Canva, Google Workspace, Docs, Slides, Sheets
- Tools:** Git, GitHub, VS Code, Chrome Dev Tools, Firebase, Vercel CLI, Matlab, Cisco Packet Tracer
- Others:** Teamwork, Management, Leadership, Adaptability

EXTRA CURRICULAR ACTIVITIES

- 1. Chairperson** **2023-2024**
IEEE Computer Society BUP Student Branch Chapter
 - Organized Webiner on Web Development with Jhankar Mahbub
 - Organized IEEE Branch Fest 2023 with 7 different segments.

- 2. Event Management Coordinator** **2022-2023**
IEEE Computer Society BUP Student Branch Chapter
 - Organized Seminar on Higher Education in the USA

- 3. Assistant Joint Secretary** **2022-2023**
BUP Robotics Club
 - Organized workshop on Line Following Robot
 - Created Motion Videos for the promotional purpose of the events.

- 4. Host (Gaming Event)** **2022**
BUP InfoTech Club
 - Hosted online based Intra BUP MIST Gaming Contest

- 5. Volunteer** **2023**
2nd International Conference on Information and Communication Technology for Sustainable Development
 - Managed two conferences in one day with the professors and presenters.

- 4. Volunteer** **2018**
Adamjee Cantonment College National Fest 2018
 - Worked with IT Club of ACC to handle the Project Showcasing event in the fest.

ACHEIVEMENTS

- 1. Deans Appreciation** (2023, 2 Semesters)
- 2. BUP Scholarship** (2021-2023, 4 Semesters)
- 3. 1st Runner's Up in International Covid-19 Congress Idea Contest by IEEE** (2020)
- 4. 6th Place in MindExperia Idea Contest by BUP Robotics Club** (2020)
- 5. Champion in Essay Writing Competition (Independence Day) by Adamjee Cantonment College** (2019)

LANGUAGES

- **Bangla:** Native
- **English:** Comfortable
- **French:** Limited

PROJECTS

1. TrioEats Restaurant Management Website (May 2024)

[Live Website View](#) | [Client-Side Repository](#) | [Server-Side Repository](#)

Features:

1. Users can add, delete, update, and view food items after logging in.
2. Users can create reservations by providing the necessary information.
3. Top-selling food products can be viewed from the homepage.

Notable Technologies: React.js, Express.js, MongoDB, Node.js, TailwindCSS, Firebase, Vercel CLI

2. WanderSEA Tourism Management Website (April 2024)

[Live Website View](#) | [Client-Side Repository](#) | [Server-Side Repository](#)

Features:

1. Users can add tourist spots after logging in.
2. Users can manage tourist spots added after logging in.
3. Users can view spots according to countywide order.

Notable Technologies: React.js, Express.js, MongoDB, Node.js, TailwindCSS, Firebase, Vercel CLI

PUBLICATIONS

1. An Explainable Ensemble Learning Framework for Brain Tumor Classification Using Pretrained Models and XAI Techniques

(Accepted, BUP Journal Volume 3, Issue-01, 2025)

2. Sentiment Classification in Movie Reviews Through a Comparative Analysis of Machine Learning Models

(Submitted, BUP Journal Volume 3, Issue-01, 2025)

3. Advanced Brain Tumor Classification and Segmentation with an Enhanced Weighted Ensemble of CNN Models and UNet Architecture

(Under Review)

REFERENCES

1. Professor Dr. Mohammad Abu Yousuf

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2. Dr. Mohammed Nasir Uddin

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