



Nur Hasan Masum

<https://masumhasan.github.io>

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Computer Science graduate skilled in building web apps with Firebase, AI integration, and full-stack problem-solving. Passionate about crafting smart, scalable digital solutions.

Affiliation

BSc Computer Science Dhaka, Bangladesh

University of Liberal Arts Bangladesh

- Organised CP contests for ComClub and worked closely with IEEE and other clubs.

HSC Science Dhaka, Bangladesh

Noor Muhammad Rifles Public School & College

- Led peer study groups and engaged in inter-college science and tech events.

SSC Science Thakurgaon, Bangladesh

Thakurgaon Zilla School

- Active in science fairs and school tech clubs; developed early coding interest.

Publications

- Utilizing Multi Chain Blockchain for Supply Chain Enterprises ensuring Interoperability and Scalability.
- Movie Recommendation System using Natural Language Processing.
- Identifying Factors Affecting the Academic Performance of Students Using Machine Learning Algorithms.

[View all on ResesarchGate](#)

Projects

- Multichain Blockchain supply chain system [Multichain, MERN Stack]
- Smart IoT Pet Feeder with Google Assistant integration [IoT, IFTTT, Firebase, ESP32]
- Medicine Uses Analysys in Bangladesh using ML
- Recommender system using NLP [TMDB, Python, Firebase]
- Mobile Banking System with C [DSA,File]
- Messenger AI ChatBot for Digital Personal Health Assistant [Meta API, ChatFuel]

View all Repo at

<https://github.com/masumhasan/>

Skills

Prompt Engineering, MCP Server, LLM Integration, WebApps, Firebase , IFTTT, CPanel, SMTP, HTML, CSS, JavaScript, API, Json, RSS feeds, Java, Jira, C++, Web Servers, SQL, MongoDB, IoT, Photoshop ++

Recognition

Instructor at IEEE
IEEE ULAB Student Branch

CTO Forum Hackathon
Finalist

Google Fliresbase Certification
Google Cloud

Augmented Reality Challenge
Meta , Recognized, AR Filter

WorkSpaces

masumhasan.github.io

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ResearchGate

<https://www.researchgate.net/profile/Md-Nur-Hasan-Masum>

Experiences

University Of Liberal Arts Bangladesh

Data Migration

Migrated data and documents from old website to new stack schima. [Project Based]

TOFSC

Data Integration

Integrated user data submission to FireBase realtime database and Firestore [Freelance]

SATV

Website & LiveTV Development

Developed the website & online television broadcast system for SATV based on their preferred design [FreeLance]

FlyMyCart

Website Development

Worked With Flymycart team and developed customized E-commerce website.

[View Portfolio](#)

References

Prof. Muhammad Golam Kibria, PhD

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Dr. Nafees Mansoor, PhD

Associate Professor
University Of Liberal Arts Bangladesh
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[Leadership, Strategic Planning,
Problem Solving Ability,
Idea Development,
Quick Learner,
Client Management,
Work Under Pressure,
Public Speaking, Team Management]

Volunteer Experience

Lions Clubs International [Dhaka Greater]
Treasurer

One Degree Initiative Foundation
Volunteer

Prottoy Spondon Foundation
Project Coordinator