

MOHAMMAD NAZMUL KARIM

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DUET, Gazipur

nkpiyas

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EwUSv5MAAAAJ

STRENGTHS

Teaching

Coding

Academic Writing

Hard-work

Leadership

Curiosity

Adaptability

SKILLS

C

C++

OOP

Android App

PHP

Arduino

IoT

Robotics

Machine Learning

Research

Data Analysis

LANGUAGES

Bangla : Native

English : Fluent

REFERENCES

Dr. Fazlul Hasan Siddiqui

Prof. of CSE, DUET

(Undergrad Supervisor)

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Khawja Imran Masud

Asst. Prof. of CSE, DUET

(Fraternal)

+8801925527821

MAIL ADDRESS

Room: 402, NPIUB,
173/3, Narangai,
Manikganj-1800, Dhaka

PROFESSIONAL SYNOPSIS

As an aspiring educator, I am eager to learn and collaborate, bringing a fresh perspective and a willingness to embrace emerging technologies, as part of my ongoing professional development and career growth. I like to share my knowledge and foster a dynamic learning environment where I can inspire and nurture the next generation of tech-savvy individuals.

EDUCATION

B.Sc. in Computer Science and Engineering | DUET, Gazipur

2018 - 2023

Gazipur, Bangladesh

- CGPA: 3.68
- Thesis Area: Machine Learning

Diploma in Engineering | Feni Computer Institute

2012 - 2017

Feni, Bangladesh

- Technology: Data Telecommunication and Networking
- CGPA: 3.77

Dakhil (SSC Equivalent) | Feni Alia Madrassha

2011

Feni, Bangladesh

- Discipline: Science
- GPA: 5.00

PUBLICATIONS

- "Mosquito species classification through wingbeat analysis: A hybrid machine learning approach," in 2023 International Conference on Next-Generation Computing, IoT and Machine Learning (NCIM), IEEE, 2023, pp. 1-4.
- "A cost-effective iot model for a smart sewerage management system using sensors," J, vol. 4, no. 3, pp. 356-366, 2021.
- "E-zakat: An approach for zakat management to eradicate poverty," International Journal of Islamic Banking and Finance Research, vol. 8, no. 1, pp. 29- 40, 2021.
- "Ehajj guide: An attempt to make the worship of pilgrims easier," International Journal of Business and Management Future, vol. 9, no. 1, pp. 1-12, 2023.

PERSONAL INFO

Father's Name: Nur Ahmad
Mother's Name: Feroza Begum
Date of Birth: June 01, 1996
Marital Status: Single
Nationality: Bangladeshi
Religion: Islam

CONTACT

Parmanent Address:

Dharmapur
Word-09, Feni Sadar,
post Code: 3900 Feni,
Chittagong

Present Address:

173/3, Narangai
Manikganj-1800, Dhaka
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WORK EXPERIENCE

- Lecturer in CSE | [NPI University of Bangladesh](#)
📅 September,2023 - Present 📍 Manikgong, Bangladesh
- Mobile App Development Internship (Flutter) | [Brain Station-23](#)
📅 2022 📍 Mirpur, Bangladesh

TECHNICAL SKILLS

- Language:** C, C++, Python
- Machine Learning: Frameworks:** TensorFlow, Keras. Library: Librosa, Scikit-learn, NumPy || **Data Manipulation and Analysis:** Pandas, Seaborn, Matplotlib
- Embedded System:** ARDUINO, ESP || **Data Management:** Firebase, ThingSpeak
- Image & Video Editing:** ADOBE PHOTOSHOP, ILLUSTRATOR, FILMORA.

PROJECTS

IoT Based Real Time Sewerage Monitoring System | 🌐

- Developed an IoT-based sewerage monitoring system where I utilized a micro-controller and few sensors to collect real-time data. The collected data was then stored in a cloud database. Additionally, I developed a user-friendly website that displayed the data in a graphical interface, accessible from both mobile and desktop devices. This project demonstrated my skills in IoT, cloud storage, and web development.

ACHIEVEMENTS

- Champion, Techfest IIT Bombay Bangladesh Zonal 2023, Meshmerize Segment.
- Champion, Mind Spark 2022, Arranged by AUST.
- Champion, DRC Fest 2022, Arranged by DUET.
- Placed Among Top-30, Mujib-100 idea competition, Arranged by UGC

LEADERSHIP

- Vice President, DUET Robotics Club
- Robotics Secretary, DUET Computer Society
- Organiser, DUET TECHFEST 2023 | A National Robotics Festival at DUET.
- Organiser, Techfest IIT Bombay Bangladesh Round 2023.
- Organiser, DRC Fest 2022 | Arranged by DUET Robotics Club.
- Organiser, Intra DUET Programming Contest (IDPC) - 2023 | Arranged by DUET Computer Society.