MORSHED NAFIM UDDIN

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Carrier Objectives

Passionate and dedicated engineering professional eager to take on technology-driven challenges and contribute to innovative solutions. Skilled at adapting to dynamic environments, solving complex problems, and continuously learning new tools and methodologies. Seeking an opportunity in a progressive organization where I can apply my knowledge, grow professionally, and add value through commitment and creativity.

Basic Academic Credentials

1. University: Khulna University of Engineering & Technology (KUET)

- Department: Electronics and communication Engineering
- Degree: B.Sc. in Engineering
- Thesis: Deep learning based automated production control system for detecting steel defect in industry 4.0
- **CGPA: 3.74/4.00 (5th position in merit)**
- Graduation: 13 February,2023

2. College: Birshreshtha Noor Mohammad Public College (BNMPC)

- Degree: Higher Secondary certificate (HSC)
- GPA:5.00   Passing Year:2017

3. School: Birshreshtha Noor Mohammad Public College (BNMPC)

- Degree: Secondary School Certificate (SSC)
- GPA:5.00   Passing Year:2015

Work Experience

Lecturer – University of Development Alternative (UODA), CSE Department | July 2023 – February 2024

- Delivered lectures and tutorials to undergraduate students in the Computer Science & Engineering department.
- Supervised student projects and guided research activities.
- Assisted in curriculum design and assessment processes.

IT Engineer – Arescon Consultant | April 2024 – Present

- Designed, implemented, and maintained IT systems and network infrastructure.
- Provided technical support and troubleshooting to ensure smooth daily operations.
- Collaborated with cross-functional teams to improve IT security and efficiency.

Skills and Expertise

- **Languages and Algorithms**: C, C++, Python, Data structure and algorithm, TensorFlow, IS-IS, DWDM
- **Simulation tools and IDE**: Packet tracer, CST, MATLAB, Microsoft visual studio, PSCAD, ETAP, or SIMULINK, SolarWinds, Wireshark
- **Microsoft Office**: MS PowerPoint, MS Word, MS Excel.
- **Routing and switching protocols**: OSPF, BGP, EIGRP
- Comprehensive understanding of live news environments
- Organizing and Time management, Leadership, Communication, Problem analysis and solving
- Familiarity with RF Network/Satellite Communication, IP network, Video Compression, video routing/signaling and audio technology
- Proficiency in electrical circuit analysis and design, including knowledge of basic circuit elements, circuit laws and theorems, and the ability to use computer-aided design (CAD) tools.
- Experience in the design and implementation of PCBs and proficiency in EDA tools such as Altium, Eagle Language proficiency in both Bangla and English

Achievements and Certifications

- Dean's Award in 4th year of B.Sc. engineering
- Dean's Award in 3rd year of B.Sc. engineering
- Four times technical scholarship based on extraordinary result
- CCNAv7: Introduction to Networks by Cisco Networking Academy
- CCNAv7: Switching, Routing, and Wireless Essentials by Cisco Networking Academy
- CCNAv7: Enterprise Networking, Security and Automation by Cisco Networking Academy
- Introduction to Cybersecurity by Cisco Networking Academy
- Programming for Everybody (Getting Started with Python)

Projects

- Ultrasonic Radar sensor and detect ranging
- Seven segment displays with logic gates
- Adjustable and Regulated DC Power Supply
- Line Follower Robot (LFR) using Arduino Nano

- Analyzing and optimizing network performance, including load balancing, bandwidth utilization, and traffic routing
- Fingerprint based biometric attendance system using Arduino Uno
- High Pass, Low pass and Band pass Filter Design and Implementation
- Design of Vivaldi Antenna at 4.5 GHz using Computer Simulation Technology (CST).
- A database system for Bus ticket management is based oracle DBMS system.
- A responsible website for E-commerce site using HTML, CSS, JAVASCRIPT, C#, ASP.NET

Attachments

- **Submarine Cable Landing Station, Cox's Bazar.** (Practical operations and routes of submarine cable of Bangladesh)
- **Metrological Radar Station, Cox`s Bazar.**
- **Bangladesh Television**
- **Bangladesh Research and Education Network (BdREN)**
- **Stata It Limited** (Automation Machinery Manufacturing company)
- **Bangladesh Navy** (Practical operations of navigation radar)

References

1. **Dr. Sheikh Md. Rabiul Islam**
   Professor
   Dept of ECE, KUET
   Contact: 01631275253

2. **MD. Foysal**
   Assistant Professor
   Dept of ECE, KUET
   Contact: 0184688250

3. **Dr. Mirza Mohd. Shahriar Maswood**
   Associate Professor
   Dept of ECE, KUET
   Contact: 01317810947