

# Mohammad Mushfiq Us Saleheen

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## OBJECTIVE

Seeking a challenging position to leverage my expertise in practical problem-solving, IT systems, Enterprise-level infrastructure safety & protocols. Aiming to contribute to innovative projects at the intersection of software, networking, and flexible teamwork, built through my experiences with multinational companies and leadership in extracurricular activities.

## EXPERIENCE

- Chevron Bangladesh**  May 2024 - August 2024  
IT Intern Dhaka, Bangladesh
  - Managed IT assets and inventory, improving the accuracy and efficiency of tracking hardware and software.
  - Implemented Power BI for reporting, streamlining data analysis and enhancing operational insights.
  - Presented findings on asset and service performance to the IT team, contributing to better resource management and system optimization.
  - Day-to-day IT Support and solving problems on ticket raising.
- Institute of Water Modeling**  September 2023 - December 2023  
GIS Data Analyst Dhaka, Bangladesh
  - Developed proficiency in GIS analysis, enhancing spatial data interpretation for improved decision-making.
  - Integrated GIS tools with web development technologies to streamline data accessibility and visualization.
  - Conducted data analysis for Mouza Land survey projects, contributing to accurate Geo-Data and reporting.
- Bangladesh Weather and Climate Services Regional Project (World Bank)**  May 2023 - September 2023  
Institutional Internship Fellow Bangladesh Meteorological Department, Dhaka
  - Managed the establishment and operations of a meteorological data center, optimizing IT asset management and budgeting.
  - Configured and maintained network equipment, ensuring seamless communication and system reliability.
  - Set up and maintained CCTV, video conferencing, and access control systems, improving operational security and communication.
  - Collaborated with service providers and vendors to ensure the smooth installation and functioning of IT infrastructure in line with project requirements.

## EDUCATION

- American International University- Bangladesh** 2019 - 2023  
B.Sc in Computer Science and Engineering Dhaka, Bangladesh
  - GPA: 3.58/4.00

## SKILLS



### Core Competencies

IT Service Management | Network Engineering | Router, Server Mounting | Network Analysis | Linux (Ubuntu) | CISCO Packet Tracer | CyberOps | Visio Designing | Azure Fundamentals | Git | VC System | Network Printer | Open-source Intelligence (OSINT)

### Additional Skills

ERP Tool | Technical Communication | Corporate Presentation | React.js | JavaScript | Tailwind | Bootstrap | Firebase Auth

## PROJECTS

- The Dragon News: [News Portal Site]** [Live Link]  
Tools: [React.js, Express.js, Firebase, React-bootstrap] 
  - This is a self-assigned project. Tried to recreate an online news portal with firebase authentication, React.js, React-Bootstrap for frontend, and Express.js for the backend API handling.
- UNI-Bot: [University portal Chatbot]**  
Tools: [React.js, Tailwind, CSS] 
  - This one is a freelancing project which a University of Bahrain students' portal chatbot. Here I did the whole front-end part of the website with react and tailwind.

# RESEARCH AND THESIS

- **Efficient Fraud Detection for Smart Meter Security in AMI Using Isolation Forest Algorithm** [Thesis Paper]
  - Investigated the use of the Isolation Forest Algorithm to detect fraudulent activity in Advanced Metering Infrastructure (AMI) systems, ensuring enhanced smart meter security.
  - Focused on developing a machine learning-based approach to identify anomalies in energy consumption patterns, reducing fraud risks in the energy sector.
  - Proposed an efficient solution for detecting outliers in large-scale smart meter data, optimizing performance and accuracy in fraud detection.
  - Contributed to the growing field of energy security and AI-based fraud detection by providing a scalable and reliable framework.

# COURSES AND CERTIFICATIONS

- **IBM: Introduction to Cyber Security** December, 2020
- **CISCO: CyberOps Associate** August, 2022
- **CompTIA: CompTIA A+ Core 1** October, 2024
- **Programming-Hero: Complete Web Development** Present

# EXTRA-CURRICULAR ACTIVITIES

- **Associate IT Secretary, Ex-Cap** 2020 - Present  
*Ex-Students' Association of SCPSC* [f]
  - Secured the position of Associate IT Secretary, contributing to successful programs within the IT segment.
  - Played a key role in launching multiple IT-related initiatives, demonstrating leadership in IT management.
- **Program organizer and Host** 27 October, 2023  
*Ex-Cap Reunion 2024*
  - Organized and hosted multiple successful events for ExCap, demonstrating strong event management and coordination skills.
  - Played a central role in planning and executing programs, ensuring smooth operations and engaging participation.
  - Developed and maintained the event website, providing seamless online support and updates.
- **Distinguished Cadet Experience** 2016 - 2018  
*Bangladesh National Cadet Corps.(BNCC)*
  - Participated in the Bangladesh National Cadet Corps, acquiring valuable skills in discipline and leadership.
  - Excelled under pressure, demonstrating composure and decision-making abilities in high-stress situations.
  - Served as 2nd in Command of the platoon with "Cadet Corporal" rank, displaying strong leadership by fostering teamwork and cooperation among peers.

# ADDITIONAL INFORMATION

**Languages:** English (Intermediate), Bangla (Native)  
**Interests:** Coding, Gaming, International Affairs, Traveling

# REFERENCES

1. **DR. MD MEHEDI HASAN**  
Assistant Professor, Computer Science  
American International University-Bangladesh  
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