
Objective: Seeking an M.Sc by Research or PhD in Cybersecurity to leverage my academic and professional background in conducting impactful research on emerging cybersecurity challenges. Focused on areas like cryptography, threat detection, and secure communication, I aim to contribute to both academic progress and practical solutions.

Research Interest:

Cybersecurity	Secure Software Development and IT Compliance
Risk Management	Nano Technology
Information Security Management	Power Electronics
Vulnerability Assessments and Incident Response	Regenerative Braking

Education:

- 2021 Master of Business Administration (MBA) in Finance**
Bangladesh University of Professionals (BUP)
CGPA: 3.84
- 2018 M.Sc.Engg. in Electrical and Electronic Engineering**
American International University-Bangladesh (AIUB)
CGPA: 3.81 | Research Focus: Nano Technology
- 2016 B.Sc. in Electrical and Electronic Engineering**
American International University-Bangladesh (AIUB)
CGPA: 3.65 | Research Focus: Power Electronics

Professional Experiences:

- 2019 - Present Islami Bank Bangladesh PLC**
Current Working Place: Madaripur Branch
Previous Working Places: Barishal Zone, Information Security & Risk Management Division, Procurement of Computer Hardware & Accessories Department, Engineering Division
- Performing IT risk assessments for applications, systems, and servers.
 - Ensure compliance with ISO27001, PCI DSS and regulatory standards of Branches and Zones
 - Conducting vulnerability assessments, penetration tests and secure coding practices.
 - Delivering cybersecurity training and supported audits.
 - Monitoring Dark Web for data exposure and prepared incident response reviews.
- Major Projects**
- Led IT system assessments and remediation planning.
 - Developed ISO27001:2013 compliant policies.
 - Contributed to PCI DSS certification efforts.
 - Implemented IBM QRadar for enhanced security monitoring.
 - Ensured compliance with Bangladesh Bank CBS Guideline 2022.
 - Participated in Oracle Compute Cloud@Customer committees.
- 2017 - 2019 Suprov Spinning Limited**
- Provided IT support and maintained inventory for electrical systems. Troubleshoot PLC programming and coordinated procurement

Research Papers:

1. **Md. Ibnul Bin Kader Arnub**, S.M. Asif Uddin, “Smart intelligent electric vehicle (Enhancing flexibility)” – International Conference on Electrical, Computer and Communication Engineering (ECCE), February 2017.
2. **Md. Ibnul Bin Kader Arnub**, “Design and Analysis of Inverters using Double Gate MOSFET” – Journal of Semiconductor Devices and Circuits, Vol. 4, No. 1, 2017.
3. **Md. Ibnul Bin Kader Arnub**, M. Tanseer Ali, “Design and Analysis of Logic Gates using GaN based Double Gate MOSFET (DG-MOS)” – AIUB Journal of Science and Engineering, Vol. 17, Issue 1.
4. **Md. Ibnul Bin Kader Arnub**, “GaN-based Double Gate MOSFET (DG-MOSFET)” – Journal of Semiconductor Devices and Circuits, Vol. 5, No. 3, 2018.

Professional Certifications:

- Certified Ethical Hacker (CEH), EC-Council
- Certified AppSec Practitioner (CAP), The SecOps Group
- Red Hat Certified System Administrator
- ISO27001:2022 Lead Implementer, iota Consulting BD
- Oracle Cloud Infrastructure 2023 Certified Foundations Associate
- OPSWAT Email Security Associate, OPSWAT Academy
- NSE 1 & NSE 2 Network Security Associate, Fortinet

Awards and Achievements:

- 2nd Placed in Cyber Drill organized by Information Security and Risk Management Division of IBB PLC.
- Cum Laude Award for achieving a CGPA of 3.75–3.84 in M.Sc. EEE (AIUB).
- Dean’s Award for academic excellence (Spring 2016-2017).
- Outstanding Project and Thesis Award for the “Smart Electric Vehicle” project, ranked 4th among 165 groups (B.Sc. EEE).

Languages:

- **Bangla – native**
- **English (IELTS Test Overall Score: 7.0; Listening-7.0, Reading-7.5, Writing-6.5, Speaking 6.0)**

Tools Expertise:

IBM QRadar	OWASP ZAP	Fortinet Recon	Advanced Microsoft	Pspice
Nessus	Burp Suite	Cyble	Excel	Hspice
OpenVAS	Acunetix	Mandiant	Visio	Silvaco
Nmap	HCL APP Scan	TOR Browser	Microsoft Office	NI Multisim
Fortra Core Impact Pro	VMware ESXI	Brave Browser	Open Office	Proteus
Izoologic	vSphere	MobSF	C,C+ Programming	MikroC

Extra-Curricular Activities:

- Working with different social organizations for street children.
- IEEE AIUB Member
- Active researcher with Team Spark, working in documentation and analysis.
- Active in community welfare works.

Accomplished Trainings and Workshops:

- Prevention of Money Laundering and Countering the Financing of Terrorism, IBTRA
- ISMS Internal Audit, IBTRA
- Programming of PLC for Industrial Automation, Engineering Staff College Bangladesh
- Microcontroller & Robotics Basics, IEEE AIUB Student Branch