

A N M NAHID HASAN

House 53, Road 5, Block G, Banasree, Dhaka, Bangladesh

+8801744905993, nahidhasangb@gmail.com

EDUCATION

B.Sc., Electrical and Electronics Engineering
American International University-Bangladesh
AIUB Leadership Scholarships

Feb 2013 – Sep 2017
CGPA 3.36/4.00

RESEARCH INTERESTS

Information System, Cyber Security Policies, Behavioral Analysis, Data Mining & Business Intelligence, Cloud Computing, Network, Incident response, Critical systems protection, Information security operations

RESEARCH EXPERIENCE

Undergraduate Research work: Signal Analysis and Pattern Recognition of Cardio-vascular Arrhythmia from ECG using Artificial Neural Network. Year: 2016, Supervisor: A S M Bakibillah

PROFESSIONAL WORK EXPERIENCE

Digital Transformation Manager, Jamuna Bank PLC

Sep 2019 – Current

- Coordinated the design, development, deployment, and integration of various digital transformation projects at the bank, including Mobile Financial Services, Internet/Digital Banking, HRIS Development, Core Banking Software Implementation, and AI-Based Attendance System.
- Responsible for ATM installations, maintenance, support, and vendor communication.
- Oversaw comprehensive engineering operations at Jamuna Bank, managing over 200 generators, the electrical systems of 171 branches, 421 ATMs, and 60 sub-branches.
- Led the Jamuna Bank Green Initiative, overseeing Paperless Banking and energy consumption reduction efforts, in coordination with the cybersecurity team.

Electrical Engineer, Unifill Group

Apr 2018 – Aug 2019

- Reduced overall energy costs and consumption, achieving LEED Platinum certification for existing building operations and maintenance.
- Led a team of over 100 electricians to maintain utilities, electro-mechanical systems, and substations.
- Planned and designed electrical systems, including load calculations, estimations (BOQ), and project monitoring, adjusting plans as needed.
- Set targets and implemented HIGG FEM-3 and ZDHC initiatives to conserve natural resources.

Assistant Engineer, Reverie Power & Automation Engineering Ltd.

Oct 2016 – Mar 2018

- Planned and designed 11kV and 33kV substations, with over 100 substations completed.
- Conducted cost estimation, offer submissions, and coordinated with the sales team while performing market research.
- Created 2D and 3D switchgear designs using AutoCAD, SolidWorks, and 3ds Max.

TEST SCORES

IELTS: 7 (Listening: 9, Reading: 6.5, Writing: 6.0, Speaking: 6.5)

GRE: 310 (Quant 163, Verbal 147, AWA 3.0)

SKILLS

Electrical Engineering

MATLAB, AutoCAD, ETABS, LabVIEW, Qiskit

Data science & Programming Languages

C, C++, Python, SQL, R NumPy, Pandas, SPSS, Tableau, scipy, Excel-Advanced (VBA), PowerBI, OpenCV etc.

Others

CCNA, Kali Linux, Wireshark, Penetration Testing, Nmap, Web Designing & Development, Adobe Illustrator, Photoshop etc

COMPETITION AND AWARDS

- Achieved 1st position in Student Branch Poster Competition in IEEE BDS Congress 2016.
- Achieved 3rd place in both IEEE Asia- Pacific website contest (among 93 Int. Universities) and IEEE Global Website Contest 2016(out of 278 international entries).
- Member Bangladesh RMG Garments Green Initiatives society.
- Attended “Green Cities Initiative” Poster competition by Centre for Policy Dialogue (CPD).
- Participated in the AIUB Engineering Jubilation Poster competition on 'Energy from Household Resources.’
- IEEE R10 SYWL Congress 2016 WIE Activities Poster Competition.
- Attended Poster Completion on Air and plastic pollution Control in Dhaka 2019.
- IEEE Best student branch award among 26 other student branches of Bangladesh.

TRAINING AND CERTIFICATIONS

- CCNA Routing and Switching Certified. Cisco ID: CSC013545734
- PMP Exam Preparation Course
- Prepare for the ISC2 Information Systems Security Professional (CISSP) Certification Exam (2021)- LinkedIn Learning.
- Certified Information Systems Auditor (CISA) Cert Prep- LinkedIn Learning.
- Develop Your AI Skills as a Cybersecurity Professional - LinkedIn Learning.
- AWS Certified Solutions Architect – Associate
- Python for Data Science and Machine Learning Bootcamp
- Data Analysis with Pandas and Python - Udemy
- MATLAB/SIMULINK Bible | Go from Zero to Hero
- Coursera IT Fundamentals for Cybersecurity, IBM

PROJECT EXPERIENCE

- Worked as Team Lead in Paperless Banking Activities of Jamuna Bank.
- Justpay app redesign, UAT, API testing, Customer engagements, bug resolving and operations.
- Implementation of AI Based attendance system and HRIS system with 22 modules and over 1,700 features HRIS Solutions
- Implementation new MFS (Shadhin) and Core Banking software with data migration, UAT and security.
- Lead the team to get LEED’s Platinum Certification in Unifill Group

CO-CURRICULAR ACTIVITIES

- Founder Member and Admin of ExAIUBian, Biggest private university student association in Bangladesh.
- Founding member and administrator, Gaibandha Students Organization: society aimed at aiding others during various natural disasters like floods, storms & fostering the development of underprivileged students.
- Electronic Communications Coordinator, IEEE YP Bangladesh.
- General Secretary, IEEE AIUB Student Branch. JAN 2014 - DEC 2016
- Successfully led a team of more than 300 IEEE Members and 30 IEEE volunteers.
- Organized more than 100 National & International Seminar, Workshop, and Competition etc.
- Instructor, Workshop on “Arduino and Obstacle avoiding Robot” organized by IEEE AIUB SB -2017
- Volunteer, NASA Space App and ICT Innovation forum Bangladesh. (2017)
- Academic Mentor, Society for the Popularization of Science, Bangladesh. Year: 2014 to 2016

REFERENCES

A S M Bakibillah

Assistant Professor, Tokyo Institute of Technology
bakibillah.a.aa@m.titech.ac.jp,
Former Senior Lecturer, AIUB

Chowdhury Akram Hossain

Associate Professor,
Department Head CoE,
American International University Bangladesh
chowdhury.akram@aiub.edu