



CURRICULUM VITAE OF

MD. AFTAB HOSSEN JEHAD

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Career Objective

To pursue a Challenging career and utilize my technical skills for achieving the target and developing the best performance in the organization. I would like to implement my innovative ideas, skills, and creativity for accomplishing the organization projects. Graduate with an internship experience and, be part of an organization that gives me a scope to enhance my knowledge in team-oriented tasks, immediate challenges, and career opportunities and, utilizing my skills towards the growth of the organization.

Skills

Academic Software Skills

PROTEUS, ETAP, MULTI SIM, MATLAB, AUTOCAD, HOMER pro, RETScreen, Code Blocks, Arduino, Cisco Packet tracer.

Operating System:

- Windows (7, 8, 10), and Linux (Ubuntu, Kali).

Programming Skills

- C, C++.
- Microsoft Office Package (MS Word, MS Excel, MS PowerPoint) and MS Internet Explorer.

Academic Qualification

Exam Title	Concentration/Major	Institute	Result	Passing Year	Duration	Achievement
B.SC	Electrical and Electronic Engineering	American International University- Bangladesh (AIUB)	3.51	2019	2016-2019	Dhaka
HSC	Science	City Biggan College	4.08	2015	2013-2014	Chittagong
SSC	Science	Hazi Mohammad Mohsin Govt. High School, Chittagong.	4.31	2013	2011-2012	Chittagong

Capstone Project

Title: Design and Implementation of an EEG Controlled Wheelchair. (Duration: 8 Months).

The main vision of this project is to develop an electric wheelchair that will be directly controlled by the human brain.

Supervisor: A N M SHAHEBUL HASAN

Lecturer, faculty of engineering, department of EEE, AIUB.

Email: shahebul@aiub.edu

Job Experience

- **Internship at Dhaka Electric Supply Company Ltd. (DESCO)**
Nikunja-2, Dhaka, Bangladesh.
Website: <https://www.desco.org.bd/bangla/>
Duration: October – November 2020.
Achievements and accomplishments: I have basic Knowledge in (Grid Operation & Protection | Substation Operation & Maintenance system | Commercial operation | System Operation | Meter testing and Transformer workshop activities.)
- **Global Public Health Research Foundation**
House #30, Road #12, Sector #10, Uttara, Dhaka-1230
Position of **Survey Enumerator (contractual)**. (Part-time).
Website: <http://gphrf.org/>
Duration: March 14-22, 2020.

Extracurricular Activities

- **Microsoft Virtual Experience program Participant-2020 (Approx. 10hours).**
Participated in the open-access Microsoft Virtual Experience Program with InsideSherpa.
Tasks Completed include:
Welcome to your Virtual Experience | Preparing for your Virtual Experience | Campus to Corporate: Business Foundation Skills | Campus to Corporate: Work Ready Skills | Work Ready Skills | Technical Engineer Skills.
- Working as **Campus Ambassador** for Nex2me Growth Family.
- **Accenture Virtual Experience Program participant -2020 (Approx. 8hours).**
Participated in the open-access Accenture Virtual Experience Program with InsideSherpa.
Tasks Completed include:
Set Project Priorities | Assemble a plan | User Journey Redesign | Outcomes Analysis | Fix the errors | Choose your language | Prioritisation & Impact Assessment.

Academic Projects

- **Implemented a Password Based Door Lock Security System Using Arduino & Keypad** in Microprocessor and Embedded Systems Course.
- **Implemented a Home automation system (power distributing system from the substation)** in Industrial Electronics Course.
- **Implemented a water level indicator project** in Electronic Devices Course.
- **Design and Implementation of wind as a renewable source of energy** in the Renewable Energy Technology course.
- **LCD Counter binary System with PCB design** in the Electronics Shop course.

Industrial Visit

- Visited a grid station of **Dhaka Electric Supply Company Ltd. (DESCO)**. In November 2020.
- Visited an industry of **Reverie Power and Automation Engineering Ltd.** On 5th October 2019, organized by IEEE AIUB Student Branch.
- Visited a power station of **United Power Generation and Distribution Company Ltd (UPGDCL)** which is located at Ganakbari, Savar, Dhaka. Organized by AIUB Community of Engineering Students (ACES).

Skills Set

- Know about Renewable Energy and Resources.
- Electrical circuit designing and PCB designing.
- Research Methodology.
- Report writing.
- Electrical Measurement.
- Leadership.

Career Interest

Power system controlling, Power plant, Research field, IC and PCB designing, Leadership, Analyst, Research & Development & Networking.

Experience/Training

- Completed a research paper entitled **“Design and Implementation of an EEG Controlled Wheelchair”** under capstone project at AIUB, Summer semester 2018-2019.
- Participated in a seminar on **'Smart Power Grid in the 21st Century'** The speaker of the seminar was, Prof. Akhtar Kalam, Professor of Electrical Engineering, Victoria University, Australia and Rolf Boum, International Recruitment Manager, Engineering Institute of Technology-Australia. The seminar was conducted by IEEE AIUB Student Branch.
- Participated in online training on **'Situational Leadership'** The speaker of the training session was, Hamza Taqi, MPC, Founder of knowledge consulting Kuwait. The session was organized by Future Icon, Bangladesh.
- Participated in a Seminar on **'Basic Automobile Engineering & Electric Vehicle'** (Speaker: Mr. Meharab Masayed Habib) organized by AIUB Community of Engineering Students -ACES.

Language Proficiency

- Written and oral communication in both English and Bangla.

Participation Achievements

- Certificate for participating in online training on ‘**Situational Leadership**’ from the Future Icon, Bangladesh.
- Certificate on ‘**CISCO Networking Academy**’ from Cisco Networking Academy Skills Competition Bangladesh-2020.
- ‘**Fire Safety & Security**’ Participation certificate under the International Fire Safety & Security EXPO 2020.
- ‘**Motor Acceleration Studies-Webinar**’ participation certificate from ETAP - Operational Technology, Inc.

Volunteer Activities and Membership

- AIUB Community of Engineering Students (ACES) member from 2017.
- General member at Volunteer for Bangladesh (Dhaka & Chittagong district) From January 2019.
- Volunteer at Bangladesh Youth Initiative - BYI from July 2020.

Training Courses

- Remote IT Infrastructure Operation and Maintenance Management, Under the Bangladesh Govt. ICT division.
- Cisco Certified Network Associate (CCNA) Course from AIUB Continuing Education Center.

Personal Information

Father’s Name: Md. Akkas

Mother’s Name: Parvin Akther

Date of Birth: October 09, 1995

Marital status: Single

National Id Number:2853312292

Religion: Islam

Permanent Address: Village: Kadalpur, Post: Kadalpur, P/S: Raozan, District: Chittagong

Current Location: Matrichya, 76/5/A Pabna House Gali, Zafrabad, Mohammadpur, Dhaka-1207

Reference (s)

1. Dr. Md. Rifat Hazari
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2. MD. Saniat Rahman Zisan
Senior Assistant Professor, Dept. of EEE & CoE
Head of (CoE Department), Special Assistant (OSA).
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