



# Md. Soaliman Hossain

## Graduate Mechanical Engineer

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### Career Objective:

Organized, detail-oriented, hard-working individual with a mechanical engineering background, having excellent analytical and problem-solving skills looking to secure a Mechanical Maintenance (Plant and machineries), Machine troubleshooting, Production or quality Engineer position in any heavy industry.

### Transferable Skills:

**Technical:** AutoCAD, Computer aided mechanical design (CAMD), SolidWorks, MS Office Suite, etc.

**Hard Skills:** Technical Report Writing, Mathematics, Data Assimilation, Equipment Maintenance, Statistics, Project management, Research and Development, etc.

**Soft Skills:** Problem Solving, Analytical, Active listening, Critical/Creative Thinking, effective/Interpersonal Communication, Time Management, Leadership/Team Player, Adaptable, Flexible, etc.

### Industrial Attachment:

#### **Ghorashal Power Station, BPDB**

Palash, Narsingdhi, Bangladesh

October, 2021 – January, 2022

#### **Activities/Tasks:**

1. Acquired Operation and maintenance procedure knowledge of 950 and 365 MW combined cycle power plant & other auxiliaries' system.
2. Gathered basic components knowledge of gas turbine, steam turbine, steam turbine boiler, Compressor, Gas booster compressor, Fuel system, Ignition system, Oiling system (Jacking, power, cooling and sealing, lube, emergency oil), Heat recovery steam generator (HRSG), Generator control, Power plant Simulator, etc.
3. Followed-up Electrical safety measures, Transformer (CT, PT control), Bus-bar conductor, Protection and signaling diagram, substation, etc.

### Academic Qualification:

#### ❖ Presently Pursing an Executive MBA in Major Management from University of Dhaka

Exam Title	Major	Institute	Result	Year	Duration
B. Sc.in Engineering	Mechanical	International University of Business Agriculture and Technology (IUBAT)	CGPA:3.56	2022	4 Years
Higher Secondary Certificate-HSC	Science	Dr. Mahbubur Rahman Molla College, Dhaka	GPA: 4.58	2017	2 Years
Secondary School Certificate-SSC	Science	Radhanagar Majumder Academy, Pabna	GPA:4.72	2015	10 Years

### Academic Projects:

1. Analyzed performance of centrifugal pumps connected in series and parallel connection.
2. Design, operation and maintenance requirements of boiler, air-compressor, diesel/gas generator.
3. Determination of energy balance coefficient, temperature efficiency, and mean temperature efficiency, logarithmic mean temperature difference (LMTD) of concentric tube & shell and tube heat exchanger by varying temperature with Counter also parallel flow.

## **Training Summary:**

Training Title	Topic	Institute	Country Origin	Location	Year	Duration
Operation and Maintenance of Combined Cycle Power Plant.	Understand Operation of 950 MW and 365 MW Combined Cycle Power Plant & other auxiliaries Operation and maintenance Procedures.	Ghorashal Power Station-GPS,BPDB	Bangladesh	Palash, Narsingdhi	2021	3 months
AutoCAD (CAMD)	Computer Aided Mechanical Design (2D & 3D)	IUBAT-International University of Business Agriculture and Technology	Bangladesh	Uttara, Dhaka-1230	2020	4 months
SolidWorks	SolidWorks tools and application	IUBAT-International University of Business Agriculture and Technology	Bangladesh	Uttara, Dhaka-1230	2021	4 months

## **Award and Extra-Curricular Activities:**

1. Got award from British council Reading Book competition in 2018.
2. Ex- financial organizer of ISME (IUBAT society of Mechanical engineering).
3. Organizer of different types of volunteers, hospitality and event management activities.

## **Computer Literacy/Online Skills:**

1. AutoCAD/CAMD, SolidWorks, SAP, etc.
2. Expert with online communication tools like Zoom, Google meet, Skype, What's app, etc.
3. Capable on project presentation, Data Base Management, statistical analysis and spreadsheet software (**MS Office Suite**).

## **Language Proficiency:**

English (Excellent) and Bengali (Bilingual)

## **Hobbies and Interests:**

Traveling, studying books/Journals/Online Blogs, Sports, etc.

## **Personal Details:**

Father's Name : Md.Abdul Mannan  
Mother's Name : Salma Akter  
Date of Birth : January 1, 2000  
Gender : Male  
Marital Status : Single  
Nationality : Bangladeshi  
National Id No. : 2857621524  
Religion : Islam  
Blood Group : O+  
Permanent Address : Singa Bazar, Pabna Sadar, Pabna-6600.

## **Reference:**

Name : Engr. Azim Uddin  
Organization : Confidence Infrastructure Ltd  
Designation : Senior Manager  
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