

KHONDOKAR MAHABUB ALAM

B.Sc. in Mechanical Engineering (AUST)

Flat: 12/9/A/1 Cantonment Baunia, Dhaka-1206.

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Career Objective

Through my educational skills and working knowledge, I want to contribute to the progress of Mechanical Engineering by creating and developing knowledge in the field and assuring sustainability in all sectors.

Professional Experience

Assistant Engineer (Sales Department)

(April 2022 – June 2022)

Purelife RO System

Uttara, Dhaka

Duties/Responsibilities

- Developed and implemented sales plan and strategy.
- Installation Water Treatment Plant (Reverse Osmosis (RO) Plant, Iron Removal Plant, Water Softening Plant, Effluent Treatment Plant (ETP)).
- Coordinated with clients and maintained good relations with them.
- Offered after-sales support services.
- Prepared reports for head office and senior manager.
- Prepared and presented potential cost benefit analysis to potential clients.
- Travelled to visit potential clients.

Academic Qualification

Exam Title	Concentration / Major	Institute	Result	Pass. Year	Duration
Bachelor of Science	Mechanical Engineering	Ahsanullah University of Science and Technology	CGPA:3.099 out of 4	2021	4
HSC	Science	Adamjee Cantonment College	CGPA:5 out of 5	2015	2
SSC	Science	Shaheed Ramiz Uddin Cantonment School	CGPA:4.94 out of 5	2013	2

Industrial Training

Ghorashal training Center, BPDB, Palash, Narsingdi

- Visited Steam Turbine Powerplant and Combine-Cycle Powerplant.
- Basic working principles of these two types of powerplant.
- Boiler accessories, mountings and various types of pumps, transformers and safety valves.
- Maintenances of boiler and turbines and overall power generation and distribution system.

Skills

- Working knowledge of SolidWorks 2D and 3D modeling software.
- Working knowledge of Microsoft Office products (Word, PowerPoint, and Excel).
- Knowledge of Lathe machine, Milling machine, Shaper machine, Drilling machine.
- Can work as a team member and provide technical support.
- Can accept responsibility and working knowledge of local construction site.
- Can lead the team as a team leader.

Thesis and Projects

Final year Thesis:

- **Forced draft crossflow cooling tower: Performance improvement and analysis:-** Study investigates heat transfer processes between water and air through interaction in across flow forced draft cooling tower setup. Splash fills were used instead of corrugated tin fills, which helped to improve the outcomes. The tower was packed with splash-type fill packing and warm water was distributed using spray nozzles.

Additional Projects:

- Dynamometer
- Line follower robot
- Design of a 10kW Solar-Wind Hybrid and Solar PV System for School and Home.

Interests and Hobbies

- I like to learn new things.
- Reading technology articles.
- Cycling, Cricket, Traveling, and Photography.

Personal Information

- **Father's Name** : Khondokar Abul Hashem
- **Mother's Name** : Mabia Khatun
- **Date of Birth** : October 8, 1998
- **Nationality** : Bangladeshi
- **Sex** : Male
- **Present Address** : 12/9/A/1 Cantonment Baunia, Dhaka-1206
- **Permanent Address** : Village: Borokhapur, Post Office: Nazirganj, Thana: Sujanagar,
District: Pabna

References

Dr. Mahbubul Muttakin

Associate Professor,

Department of Mechanical and Production Engineering,

Ahsanullah University of Science and Technology,

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Relation: Academic

Declaration

All the information, I include above is accurate to the best of my knowledge, and I take full responsibility for the authenticity.

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Signature