



Contact

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Career Objectives

- Aim to develop as a true professional in the field of industrial engineering by utilizing my strong interpersonal and technical skills in a professional environment.
- To take a challenging and high performance-oriented role in the field of industrial engineering and implement in this field to develop with efficiency and quality.
- To serve my motherland & country's people by my activities.

Volunteer

I was invited to take one class about '**Sketchware Block Programming**' for some students on an event that was held by Kaizen SUST.

Md. Nazmul Hasan Dipu

Motto: Nobody can be successful, unless ze first loves zer work.



About Me

- I am a fresh graduated and keen to work as an industrial engineer.
- My date of birth is 29 August 1996.
- My height is 5'-7".



Skills

Hard-Skills:

Design	▶	AutoCAD	■	Solidworks
Writing	▶	MS Word	■	WPS
Presentation	▶	MS Powerpoint	■	Prezi
Programming	▶	C language	■	Basic Python
		G code M code		Sketchware
Data	▶	MS Excel	■	SPSS
Simulation	▶	CNC Simulator	■	Arena

Soft-Skills:

Teamwork	Public Speaking	Management
Leadership	Presentation	Adaptability



Educational Qualification

- 2016-19** *Shahjalal University of Science & Technology.*
Bachelor of Science in Industrial & Production Engineering
My CGPA is **3.07**. I had to complete 161.5 credits to finish my undergraduate degree. My department is approved by the Institution of Engineers, Bangladesh (IEB).
- 2013-15** *Madan Mohan College, Sylhet.*
Higher Secondary School Certificate
I got a GPA of **4.83** out of 5.00 in HSC examination and that examination took under Sylhet Board. My group was science. HSC is considered as international A-level.
- 2011-13** *Sylhet Technical School & College.*
Secondary School Certificate
I got a GPA of **4.88** out of 5.00 in SSC examination under the Technical Board. As it was the Technical Board, so I had to read some extra books such as Civil Drafting with CAD-1, Civil Drafting with CAD-2, Engineering Drawing and Entrepreneurship besides general studying books. SSC is considered as international O-level.



Research Experience

Paper title: "Causes of Low Back Pain among Workers in A Selected Garment Factory Situated in Gazipur, Bangladesh."
Conference: 2nd International Conference on Industrial and Mechanical Engineering and Operations Management (IMEOM), 12-13 December 2019, BIM, Dhaka, Bangladesh.
This paper was got '**Best Paper Award**'.



Linguistic Proficiency

- **English** : Professional working proficiency
- **Bangla** : Native proficiency

Awards & Recognitions

- Champion in 'AutoCAD Competition - 2017' which was organised by Kaizen SUST club.
- Champion in 'Sports SUST Chess -2019' which was organised by Sports SUST.
- Runner up in 'Digital Drafting' competition which was organised by Leading University's Civil Engineering Department.
- Chess champion at 'Mosac Indoor Games 19' organized by IPE Association, SUST.
- Champion at 'Depiction V2.0' engineering design CAD contest of Mechnovation programme which was organized by ME department, SUST.
- Participated in 'Pro Presenter' competition at the event of 'National Skills Fest' which was organized by GDN SUST. I also participated in 'Aptitude Test'.
- Participated in 'Idea Competition' presentation at the event of 'SSA Inter-University Science & Technology Festival, Edition 1.0'.
- Participated in the 'CAD Conqueror' competition at the event of 'ExCEED' which was organized by Civil and Environmental Engineering, SUST.

Interest



Chess



Reading



Puzzle



Hang out

References

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Projects

Title	Cost	Duration
Prototype of Solar Based LED Road Light	2500	2 weeks
Temperature Measuring Device.	1600	2 weeks



Training & Certification

Training Institute For Chemical Industries, Narsingdi.

The training was performed for **four weeks** and objectives of that training was to observe and gain knowledge about mechanical engineering department. That department consists of chasing labs or shops:

- Engineering materials
- Measurement & Measuring Instruments
- Pipe, pipe fittings & their accessories, valves
- Mechanical engineering drawing by CAD
- Welding and fabrication shop
- Bearings, seals, lubricants & lubrication
- Mechanical power transmission and alignment shop
- Pumps, fan, blower, compressors, turbines
- Non destructive testing lab
- Machine shop
- Metal processing and heat treatment shop

Bangladesh Industrial and Technical Assistance Center, Dhaka.

The training was performed for **two weeks** and objectives of that training were to observe and gain knowledge about following workshops:

- **Light Machine Shop** (turret lathe, copy lathe, shaper, milling, cylindrical grinder, surface grinder, jig grinder, hopkins, etc machines)
- **Heavy Machine Shop** (Vertical lathe, planer, radial drilling, jig boring, horizontal boring, etc machines)
- **CNC Shop & Mould Section** (EDM machine, CNC Wirecut EDM, CNC lathe, CNC milling, CNC Router, Bench drill, hydraulic press, vertical milling, deckel milling).
- **Protective Coating Section** (rectifier, polishing, filter, chemical tank).

Bangladesh Technical Education Board.

The training was performed for **one month**. Purposes of that training were to gain direct practical knowledge about some civil pertinent activities. 'M/S Technic construction' was requested by the authority for cooperation students.



Factory Visiting Experience For One Day

- *Khadim Ceramics Ltd.*
- *Ghorashal Fertilizer Factory Ltd.*
- *East West Industrial Park Ltd.*



Community Service

- Apart from studying, I involved myself in the Kaizen SUST organization from 2018, at that time my role was publication secretary.
- After July 2019, my role became 'Deputy School Incharge [Alternative & Renewable Energy.]