MD SHAHED HOSSAIN SOHAN

Mechanical Engineer

DETAILS

Address

Permanent:
Ashurhat, Puijor (7720),
Pangsha, Rajbari.

Present:
43-R/17, Indira Road,
Panthapath, Dhaka-1215

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sohan7aug@gmail.com

LinkedIn 🔗
https://www.linkedin.com/in/md-shahed-hossain-sohan/

LANGUAGES

Bangla

English

Arabic

MANAGEMENT SKILLS

Mess Manager
(December 2022 – January 2023)
Sher e Bangla Hall, BUET

REFERENCES

Dr. Md. Ehsan
Professor, Department of Mechanical Engineering, BUET
ehsan@me.buet.ac.bd

Dr. Md. Ashiqur Rahman
Professor, Department of Mechanical Engineering, BUET
ashiqurrahman@me.buet.ac.bd

EDUCATION

BSc in Mechanical Engineering
Bangladesh University of Engineering and Technology,
Dhaka - 1000, Bangladesh

Graduated
CGPA: 3.81/4.00
March, 2018-May, 2023

HSC
Notre Dame College
Dhaka - 1000

GPA: 5.00/5.00
May, 2015-June, 2017

SSC
Mrige High School
Kalukhali, Rajbari

GPA: 5.00/5.00
January, 2013-January 2015

PROFESSIONAL EXPERIENCE

Industrial Training
Khulna 225 MW Combined Cycle PowerPlant
Northwest Power Grid Company Limited, Khulna
27 October 2022 – 15 November 2022

TECHNICAL SKILLS

- **CAD Modeling:** AutoCAD, Solidworks
- **Analysis tools:** COMSOL Multiphysics, ANSYS, MATLAB, LAMMPS
- **Circuit Modeling:** Proteus, EAGLE, Fritzing
- **Programming Languages:** C, Python, Arduino IDE
- **Office:** MS Word, MS Excel, MS PowerPoint.
- **Plotting tools:** Tecplot 360

PROJECTS AND THESIS

- **Accident reduction system design**
  Gyroscope sensor-based driver's drowsiness detection system was developed.
- **Design and simulation of a Shell and Tube heat exchanger with helical baffles.**
- **Analysis of Mechanical Properties of Crumpled Graphene: A Molecular Dynamics Approach**

OTHER CERTIFICATIONS

- Introduction to MATLAB, Coursera
- MATLAB Onramp, MathWorks
- Excel for Begineers, edX
- Python for Begineers, Coursera
- First Runner Up, Hult Prize, BUET – 2023