



ROKNUZZAMAN

MECHANICAL ENGINEER

PROFILE

Self-driven, detail-oriented individual with deterministic mindset to build a career in the professional engineering field. Intend to secure a position where I can use my full potential to the point where both the company and myself can reach or exceed the desired output.

CONTACT

PHONE:
+8801687161602
+8801521114994

LinkedIn:
<https://www.linkedin.com/in/roknuzzaman-riyad-9132031b9/>

EMAIL:
riyadrok3@gmail.com

LANGUAGES

- Bangla
- English
- Hindi

HOBBIES

- Books
- Technology (Laptop, Smartphone etc)
- Indoor and Outdoor Sports

EDUCATION

B.Sc:
Shahjalal University of Science and Technology, Sylhet.
Department of Mechanical Engineering
2016 – 2021

H.S.C:
Govt. Azizul Haque College, Bogra
2012 – 2014
Graduated with GPA 5.00 in the scale of 5.00.

S.S.C:
BIAM Model School and College, Bogra
2008 – 2012
Graduated with GPA 5.00 in the scale of 5.00 with 'Government Scholarship'

***Other achievements include three times 'Kindergarten Scholarships' in the primary level of education and two times 'Government Scholarships' in the scholarship examinations of 5th and 8th grade which are currently known as PSC and JSC examinations respectively.

WORK EXPERIENCE

Trainee Engineer (Operation and Maintenance)
PRAN-RFL Group
RFL Industrial Park, Kaligonj, Gazipur
January 2022 – Present

- Worked with the Utility section to ensure the proper running of Generators, Boilers, Compressors and HVAC system.
- Liaised with the development department which oversees any development project of the plant.
- Worked with the maintenance section which is responsible for any major breakdown of the production lines.

I also have some industrial training experiences arranged by the department of Mechanical Engineering, SUST.

- 21 days industrial training program in Bangladesh Industrial and Technical Assistance Center (BITAC), Chadpur, in 2018, which covered various areas of production processes and machine tools operations.
- Industrial tour to 'Fenchuganj Combined Cycle Power Plant, Sylhet' in 2016 and 2019
- Industrial tour to 'Jalalabad Gas field Chevron BD limited' in 2017.

Research Experience:

- Completed my B.Sc final year thesis on renewable energy development in Bangladesh titled as "Design & development of an efficient solar steam generator for industrial uses in Bangladesh: A simulation-based approach" with a distinction mark.

- Completed an Arduino based 'Instrumentation & Measurement' project as part of my graduation where I with three other group members have built a fire sensing automated fire extinguishing truck that can move by itself; which also brought us a distinction mark.

Besides, I have experiences working with different organizations of our university, like:

- Mechanical Engineering Association of SUST (MEAS)
- SUST Science Arena (SSA)
- Sports SUST
- Nongar SUST

SKILLS

Co-curricular skills:

- Experienced in working with designing softwares like AutoCad and Solid Works.
- Skilled in simulation softwares: ANSYS and System Advisor Model (SAM)
- Skilled in C programming and MATLAB.
- Skilled in Microsoft Office.
- Skilled in Video editing and Motion graphics. e.g: Adobe Premiere Pro and Adobe After effects

Extra-curricular skills:

Play almost all kinds of outdoor sports and indoor games.

- Participated in Intra university Cricket Tournament
- Two times 'Player of the Tournament' in Intra departmental indoor tournament organized by MEAS.
- Have multiple trophies in various competitive tournaments including table tennis, chess, carrom, computer games etc.
- Performed in drama and music on stage on various occasions including 'Mechnovation' a national event organized by MEAS.

References:

- **Md. Zahidul Islam**
Assistant Professor
Department of Mechanical Engineering, SUST.
- **Md. Ferdous Alam**
Assistant Professor
Department of Mechanical Engineering, SUST.
- **Md. Shafiqul Islam**
Assistant Professor
Department of Mechanical Engineering, SUST.
- **Nafiza Anjum**
Assistant Professor
Department of Mechanical Engineering, SUST.
- **Nuruzzaman Sakib**
Assistant Professor
Department of Mechanical Engineering, SUST.