



MOKID MOHAMMAD SHELLEY SERAJEE

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Mechanical Engineering Graduate, passionate about CAD, Product Designing, Machining, Prototyping, R&D, Project Management, Power Plant Engineering, Automobiles, Materials Engineering

EDUCATION

- **Bachelor of Science in Mechanical Engineering**
Department of Mechanical & Production Engineering
Islamic University of Technology,
Board Bazar, Gazipur – 1704
CGPA: 3.08 out of 4.00 (Class of 2020)
- **Higher Secondary Certificate**
Bangladesh International School & College (BISC)
Batch of 2016. GPA: 5.00
- **Secondary School Certificate**
Baridhara Scholars' Institution
Batch of 2014. GPA: 5.00

ACHIEVEMENTS

- **1st Runner up, Riddlerz, Autofest**
Organized by BUET Automobile Club
December 2017
- **2nd Runner up, Indian Rover Challenge 2019**
Manipal Institute of Technology, Karnataka, India
January 2019
- **1st Runner up, Robotics Design Challenge**
Atlas Technomas 1.0
July 2020

SKILLS

Team Work, Adaptability, Time management, Problem Solving, Event Management

EXPERIENCE

- **Currently working as a CAD Engineer in BAE Engineering Solutions (BES) – Since April 2021**
- **Industrial Training at Navana Ltd. (Toyota)**
Navana Toyota 3s Center, Tejgaon I/A, Dhaka
December 2019 – January 2020
Thorough training on automobile after sales service
Hands on experience on engine overhauling
- **Industrial Training at Energypac Engineering Ltd.**
Ashulia, Dhaka. November – December 2019
Visited Baroipara Factory and observed transformer electrical equipment's manufacturing and assembly
Visited Kabirpur Factory and observed transformer body manufacturing, painting and assembly
- **Substantial Training at Bangladesh Power Development Board (BPDB)**
Rajshahi, November 2019
Visited Katakhal 50 MW Peaking Power Plant
Visited Barapukuria Coal Based Thermal Power Plant
Visited Baghabari OCGT Power Plant
Visited Amnura 132/33 KV Grid Substation

SOFTWARE PROFICIENCY

- **Microsoft Office** – Word, Excel, PowerPoint
- **Adobe Photoshop** – Basic Photo Editing
- **SolidWorks** – 3D Parametric Modeling, Surface modeling, Sheet Metal, Mold & Die, Free modeling
- **Fusion 360** – 3D Modeling, Free Modeling
- **KeyShot** – Photorealistic Rendering, Interior Design Lighting and Rendering
- **ANSYS** – Static Structural, Modal Analysis, ANSYS Composite PrepPost (ACP)

RESEARCH & PROJECTS

- **Investigation of the effect of stacking sequence on the tensile and flexural behavior of Jute/Carbon epoxy hybrid composites: Experimental and Numerical/(FE) analysis**
(Undergraduate Thesis) – 2020
- **Thermodynamic Analysis of the part load performance for a small scale Gas Turbine Jet Engine by using Exergy Analysis Method – 2020**
- **Heat and moisture transfer through building materials - 2019**
- **Industrial data accumulator using GSM & Labview - 2018**

EXTRA CURRICULAR ACTIVITIES

- **Team Member,**
Science Task Team,
IUT Mars Rover
- **Organizer,**
Line Follower Robot Contest,
Mecceleration 2017 & 2018
- **Organizer,**
Roborace.
Mecceleration 2019

REFERENCES

DR. MOHAMMAD AHSAN HABIB

Professor,
Department of Mechanical & Production Engineering
Islamic University of Technology (IUT)

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DR. A.R.M. HARUNUR RASHID

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