



CAREER OBJECTIVES

To secure a challenging position in a reputable organization to expand my learnings, knowledge, and skills. Assist my skills and knowledge in every way possible as per the organization requirements. Where I intend to secure a conducive and challenging opportunities attains and proves my expertise and excellence. By contributing my best to the organization through Perseverance, Dedication, Confidence, Smart work and Discipline.

EDUCATION

Bachelor of Science (Mechanical Automotive Engineering)
International Islamic University Malaysia (IIUM)
CGPA: 3.02 (2015-2020)

Higher Secondary Certificate (HSC)
Rajuk Uttara Model College (Dhaka, Bangladesh)
GPA: 5 (Golden) (2012 - 2014)

Secondary School Certificate (SSC)
Monipur High School (Dhaka, Bangladesh)
GPA: 5 (Golden) (2002-2012)

PRACTICAL EXPERIENCE

June 2019 – August 2019

Junior Service Engineer
BMW SERVICE CENTRE (INTERNSHIP)
(EXECUTIVE MOTORS LIMITED)
Work Description

- Worked and learned in-depth about BMW's ISTA (Integrated Software Technical Application) software.
- 30-points service check and how to do PDI for BMW vehicles.
- Working with Test module, AC servicing, Coolant bleeding, Brake pad, Wheel balancing, battery registration, Drive train etc.
- Prepared daily progress report in logbook and report directly to Supervisor.
- I got insight about how BMW technical campaign works to solve any critical problems related to BMW autos.

February 2020 – August 2020

Demonstrator for Turning (Lathe Machine)
Engineering Workshop (IIUM)
Work Description

- Worked as a Demonstrator for turning lathe machine which is mandatory course for all engineering students at my university.

PROJECTS I HAVE WORKED ON

- **Integrated Design Project (IDP):**
Light Multirole Trailer (LMT) (2nd runner up in mechanical department). This is the trailer that can transport the fruit bunch from the plantation to collection point through multi-terrain road. This trailer can offload the fruit bunch from the trailer using a hydraulic jack.
- **Final Year Project (FYP):**
Design and modeling of convergent-divergent nozzle and analysis of sudden expansion flows using microjet. Here I designed appropriate two-dimensional convergent-divergent nozzles by analyzing the standard turbulence model by ANSYS CFD FLUENT and analyze the effectiveness of the microjet control.
- **Others: Chain-less Bicycle, Gear Ratio Calculator, Passenger Car Structural Analysis and Design.**

REFERENCES

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JAMIRUL HABIB BAPPY

PERSONAL PARTICULAR

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AREA OF FUNCTIONAL EXPERTISE

- Design and Modeling
- Fuzzy Logic for AI Braking System
- CAD/CAM
- Renewable Energy & CFD
- ANSYS (fluent) for Analysis & thinking
- Software and Engineering Documentation

CORE & ELECTIVE COURSES

Power Train, Vehicle Dynamics & Chassis, Vehicle Electronics, Internal Combustion Engines, Engineering Ethics & Management

ELECTIVE: Renewable Energy, Computational Fluid Dynamics (CFD)

SOFTWARE SKILLS

SOLIDWORKS

MATLAB (FUZZY LOGIC)

ANSYS (FLUENT)

MS OFFICE

ORIGIN

I do hereby declare that all the provided
information is true & validate.

Jamirul Habib