

**Personal Summary:** I’m a smart and hard working self-motivated Mechanical Engineer with specialized knowledge and experiences in research, development, product design, advanced technology and manufacturing.

**Key Skills:** CAD, Thermal Engineering and Heat Transfer, Thermodynamic Analysis, HVAC, Heat Exchanger Design and Analyis, Machine Design, Strength of Materials, Solid Mechanics, Manufacturing Engineering, Energy Conversion Systems, Internal Combustion Engines.

**Education and Training:**

***Sep.2012-Jan.2020 University:***

Middle East Technical University (Turkey)

(Among the top 100 Universities by World Reputaion Ranking and the World University Ranking by Times Higher Education (THE)).

Department: Mechanical Engineering (ABET Accredited)

CGPA: 2.1 / 71%

Equivalent CGPA in Bangladesh: 3.29 by University Grants Commission Bangladesh (UGC)

***2010-2012 Higher Secondry School:***

International Hope School Bangladesh

GCE A2’Level Result:

|  |  |
| --- | --- |
| Physcics | B |
| Chemistry | A |
| Mathematics | B |

GCE AS’Level Result:

|  |  |
| --- | --- |
| Physics | B |
| Chemistry | A |
| Mathematics | A |
| Biology | B |

***2008-2010 Secondary School:***

International Hope School Bangladesh

GCE O’Level Result:

|  |  |
| --- | --- |
| Physics | A |
| Chemistry | A |
| Mathematics-B | A |
| Pure Mathematics | A |
| Biology | A |
| Human Biology | A |
| Economics | B |
| English | E |

***2016(June- August) Internship 1:***

Buildtrade Engineering Ltd. (Dhaka, Bangladesh)

***2015 (June-August) Internship 2:***

SS Steel Pvt. Ltd. (Dhaka, Bangladesh)

**Professional Experiences:**

1. ***Design group member*** for the project titled Design of Very Light Aircraft Flight Control System in ME-407 Mechanical Engineering Design Course. (Sep.2018-Jan.2019).

***Key Responsibilities:*** Engineering Analysis, Patent Survey, Technical Drawing, Manufacturing, Tolerances, Desigin Modification, Original Aspects of Design, Material Selection, Verifying Performance Criterion, Cost Analysis.

***Achievements:*** Learn about limitations in design and scope of manufacturability, precicions, tolerances, Engineering Software usage, team work experience, project planning and management, Usage of ASME, AGMA, ISO standards, etc

1. ***Mechanical Engineering Intern*** at SS Steel Pvt. Ltd. (June 2015-August 2015)

***Key responsibilities:*** Monitor manufacturing processes and steps to produce thermo-mechanically treated bars, ensure correct alloy compositon, molten metal purification steps, perform bending and tensile test of samples, maintenance of various machines and equipments, etc.

***Achievements:*** Hand-On experiences about welding, using lathes, sawing, mechanical testing equipments, assembly, CAD, Cost Analysis, etc.

**Completed Project Summary:**

* Design and Analysis of a Box Transport Mechanism. (ME-307, 2016)
* Gear Box and Bearing system design of a Screw Conveyor. (ME-308, 2018)
* Design of a Four Bar Mechanism for a specific coupler curve (Tripple Loop). (ME-301, 2018)
* Design and Analysis of a Gasketed type Heat Exchanger for fruit juice pasteurization. (ME-421, 2019)
* Design and Analysis of a Shell and Tube type Heat Exchanger for Brayton Cycle in electricity generation from nuclear reaction process. (Using Bell-Delware Method and Kern Method) (ME-421, 2019)

**Awards and Scholarships:**

* Certificate Awarded for being a member of the design group which has succesfully completed the project titled Deign of Very Light Aircraft Flight Control System from Mechanical Engineering Department of METU (2019)
* METU cafteria meal scholarship. (2017-2019)
* Scholarship from the Embassy of Bangladesh in Turkey for being a successful student of METU. (2012-2013)
* The Daily Star Award for outstanding achievment in GCE O’Level Examination. (2010)
* 50% Tuition fee waiver from International Hope School Bangladesh for outstanding academic performance. (2010-2012)
* Awarded Merit Certificates from International Hope School Bangladesh for outstanding academic performance. (2008)

**Language Proficiency:**

* English (IELTS Overall Band Score 6.5, 2012)
* Bengali (Excellent in reading, writing, speaking and listening)
* Turkish (Moderate in reading, writing, speaking and listening)
* Hindi and Urdu (Only speaking)

**Hobbies and Interest:**

* Writing Newspaper Articles
* Playing Football, Badminton, Chess, Billiards, Cricket, Bowling, etc.
* Socializing and making new friends
* Travelling and Watching Movies
* Cooking

**Personal Details:**

Name / Contact: Azizul Haque Ovi / 008801726687123

Religion: Islam

Birth Date: 16.12.1993

Marital Status: Unmarried

Father’s Name / Profession / Contact: Mohammad Shamsul Haque / Pharmacist / 008801822167467

**References:**

* Prof. Md. Abdul Mannan, Principal of Chittagong BGMEA Institute of Fashion and Technology, Chittagong. Mobile: 01757982323
* Rumana Tanjin Antara, Senior Assistant Secretary (Placed as UNO Under Dhaka Division), Mobile:01710894979

**Present Address:** House No-3/A, Hospital Road, Ward No-7, Islampur, Dhamrai, Dhaka-1350, Bangladesh.

**Permanent Address:** Islampur Madrasa Road, House-20, Block-C, Dhamrai, Dhaka-1350, Bangladesh

**Desired Position:** Mechanical Engineer, Design Engineer-Mechanical, Process Mechanical Engineer, HVAC Engineer, Project Engineer (Mechanical), Manufacturing Engineer,Energy Conversion Engineer, Power Generation Engineer, etc