Md. Rofiqul Islam Raonok

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CAREER OBJECTIVE

In order to secure a demanding position that will allow me to apply my academic expertise and personal capabilities. I am fully equipped to demonstrate my integrity, diligence, unwavering resolve, appropriate perseverance, physical and mental well-being, adequate self-assurance, and merit in the face of any diver's challenge.

ACADEMIC QUALIFICATION

Bachelor of Science in Mechanical Engineering
IUBAT - International University of Business Agriculture and Technology,
Embankment Drive Road, Dhaka 1230, Bangladesh.
CGPA: 3.82 out of 4.00.
Passing Year: 2024

Higher Secondary Certificate
Holy Land College, Dinajpur
GPA: 4.58 out of 5.00.
Passing Year: 2018

Secondary School Certificate
St. Philip's High School & College, Dinajpur
GPA: 4.94 out of 5.00.
Passing Year: 2016

PROFESSIONAL EXPERIENCE

Palki Motors Limited
Mechanical Design Engineer
Daroga Bari, 3006 East Podordia, Satarkul Rd, Dhaka 1212
May 2024 - Present

- Design a Car for Manufacturing in Bangladesh using SOLIDWORKS and Other CAD Software.
- Rendering Design for Visualization.
- Professional Assembly CAD files.
- Design car parts (Chassis, Body, Spare Parts).
- Organize file for Laser Cutting.
- Sheet metal, Surface Design.
- Making Bill of Materials.

INDUSTRIAL INTERNSHIP

Mitsubishi Motors Bangladesh | Rangs Limited,
Tejgaon Industrial Area Thana, Dhaka
Sep 2023 - Dec 2023 (Duration: 3 Months.)

I have observed and practically learned about automobile repair workshop activity, management, working job distribution, working process, and distribution warehouse, parts sells and maintenance department.

TECHNICAL SKILLS

Programming Language: Python, C and MATLAB, G-Code.

Computer Aided Design:

- SOLIDWORKS 3D& 2D Design
- AutoCAD 2D.
- 3D Printing & G-Code .
- Comsol, Ansys,Keyshot.
- Keyshot & Visualize Render.

Others Software: Photoshop, Illustrator, Canva, Microsoft Office.

CO-CURRICULAR ACTIVITIES

Vice President, IIEC- IUBAT Innovation and Entrepreneurship Center.
June 2023- February 2024
- Taken workshop on different topics.
- Prepared and organized for different materials for meetings, travel arrangements.
- Maintained event calendars.
- Set up and handled annual general meeting.

IT And Design Officer, IMechE IUBAT Student Chapter.
May 2022- February 2024
- Solved and analyzed problems for technical issues.
- Worked on several OS and solved problems.
- Created banner and poster for workshops, Meeting.
- Created design in Canva for different activities.

Programmer, IIEC- IUBAT Innovation and Entrepreneurship Center.
June 2022- May 2023
- Created some project on arduino and others component.
- Customized program for project.
- Handled website.

AWARDS/SCHOLARSHIPS

Student Scholarship at B. Sc. Level (University)
- Funding Body: Awarded university scholarship for achieving a merit position in my results.

Project Showcasing Runner-up, IIEC- IUBAT Innovation and Entrepreneurship Center.
- Got Project Showcasing Runner-up awards for Blind Assistance glass (IoT).

University Segment Runner-Up, IIEC- IUBAT Innovation and Entrepreneurship Center.
- Got Segment Runner-Up awards for Blind Assistance glass (IoT).

CERTIFICATION

- **Certified SOLIDWORKS Professional CAD Designer-CSWP**
  Dassault Systèmes.
  CertificateID:C- 3JGMNAP4C5

- **Certified SOLIDWORKS Surfacing Professional -CSWP-SU**
  Dassault Systèmes.
  CertificateID:C- C-3DB8PSGK6U

- **Certified SOLIDWORKS Weldments Professional -CSWP-WD**
  Dassault Systèmes.
  CertificateID:C-2KW85ALVGH

- **Certified SOLIDWORKS Sheet Metal Professional-CSWP-SM**
  Dassault Systèmes.
  CertificateID: C-6G4MTCEQV2

- **AutoCAD 2D/3D**
  Technical Training Center, IUBAT
  2021-2022

- **SOLIDWORKS Design**
  Technical Training Center, IUBAT
  2022-2023

- **SOLIDWORKS Electrical Designer-CSWA-E**
  Dassault Systèmes
  CertificateID:C-LQ2U8NP5AR

- **IUBAT Scholars**
  IUBAT— International University of Business Agriculture and Technology.

UNDERGRADUATE PROJECT

Blind Assistance glass. (IOT Sunglass)
- Drafted the automated sunglass in SOLIDWORKS software.
- Frender the product.
- 3D Printed the full sunglass body.
- Circuit design.
- Fabricated the model.
- Analyzed the performance.

Design and fabrication of an automatic scarecrow by using solar panel.
- Drafted the automated scarecrow system in SOLIDWORKS software.
- Found out motion analysis.
- Analyzed the motion of gear system.
- Fabricated the model.
- Analyzed the performance.

Design and fabrication of an automatic light on off system by using arduino and solar panel.
- Drafted the automated system in SOLIDWORKS software.
- Analyzed the motion sensor of system.
- Fabricated the model.
- Analyzed the performance.

LANGUAGE
- English-Advanced.
- Bengali-Native.

RESEARCH INTEREST
- Additive Manufacturing
- Design Engineering
- Automobile Engineering
- Material Engineering
- Manufacturing Engineering
- Production Engineering

REFERENCES

Engr. Md. Abu Hasan Al Askary
Vehicle Officer,
Jashore University of Science and Technology.

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Dr. A. K. M. Parvej Iqbal
Associate Professor & Coordinator,ME
IUBAT- International University of
Business Agriculture and Technology.

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Email: akm.parvez.iqbal@iubat.edu

DECLARATION

I, the undersigned declare that, according to my knowledge and belief, this curriculum vitae correctly describes my qualifications and myself.

Rosiqul

Applicant's Signature: