

# Md. Rofiqul Islam Raonok

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<https://grabcad.com/raonok-1>



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## CAREER OBJECTIVE

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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.

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## ACADEMIC QUALIFICATION

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### 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

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## PROFESSIONAL EXPERIENCE

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### ALCA Industries Ltd. (Meghna Group Bangladesh)

#### Assistant Engineer

Mulaid, MC bazar, Sreepur, Gazipur, Bangladesh

April 2025 - Present

- Production Management (Paint Department).
- Machine maintenance.
- Making Working Schedule for the department.
- Design And develop Product for paint department using Coraldraw, AutoCAD, Solidworks.
- Design Masking and Cut using Cutting Plotter.

### Palki Motors Limited

#### Mechanical Design Engineer

Daroga Bari, 3006 East Podordia, Satarkul Rd, Dhaka 1212

May 2024 – April 2025

- 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.

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## INDUSTRIAL INTERNSHIP

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### **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.

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## TECHNICAL SKILLS

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**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.

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## CO-CURRICULAR ACTIVITIES

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### **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**

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### **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**

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- **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

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### **Blind Assistance glass. (IOT Sunglass)**

- Drafted the automated sunglass in SOLIDWORKS software.
- Render 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

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- English-Advanced.
- Bengali-Native.

## RESEARCH INTEREST

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

## REFERENCES

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

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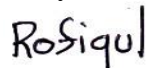
**Dr. A. K. M. Parvej Iqbal**  
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IUBAT- International University of  
Business Agriculture and Technology.

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## DECLARATION

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



Applicant's Signature: