

# Md. Rifat Hasan Jihan

MECHANICAL ENGINEER & DESIGNER



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## WORK EXPERIENCE

January 2023 – June 2023



### 10 Minute School

Infographic Designer

#### Area of Expertise

Adobe Illustrator, Adobe Photoshop, Microsoft PowerPoint, Microsoft Excel, Adobe InDesign

#### Responsibilities

Created visually engaging and informative academic vector graphics for lecture sheets and books used at 10 Minute School. Utilized Adobe Illustrator and Photoshop to develop high-quality illustrations, diagrams, and charts.

February 2022 – June 2022



### StampKit

Head Graphic Designer

#### Area of Expertise

Adobe Illustrator, Adobe Photoshop

#### Responsibilities

Conceptualized and designed visually engaging social media post images to drive engagement and brand awareness. Collaborated with marketing and social media teams to understand campaign goals and target audiences. Ensured clear and consistent typography and layout for effective information presentation.



## EDUCATION

2019 – 2024

### Khulna University Of Engineering & Technology, Khulna

Bachelor of Science in Mechanical Engineering

Thesis: Simulation of Autonomous Vehicle using Neural Network

Developing a neural network-based simulation model for testing the behavior of autonomous vehicles in complex traffic scenarios.

2016 – 2018

### Cantonment Public School and College, Rangpur

Higher Secondary School Certificate

Group: Science

2008 – 2016

### Rangpur Zilla School, Rangpur

Secondary School Certificate

Group: Science



## SKILLS

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### Computer Aided Design (CAD)

Autodesk AutoCAD, SOLIDWORKS

### Graphic Design, UI/UX Design

Adobe Photoshop, Adobe Illustrator, Figma, Adobe XD, Canva, Adobe InDesign.

### Good typing speed

English (QWERTY) and Bangla (Bijoy).

### Other Software Skill

KeyShot, Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Ansys, Adobe Premiere Pro, Audacity, Visual Studio Code, Git, Android Studio, Unreal Engine.



## TRAINING SUMMARY

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### SOLIDWORKS Workshop 2019

CADers, Khulna University of Engineering & Technology

#### Topics

Sketch, Features, Surfacing, Assembly, Animation, Sheet Metal, Weldments, Molding, Rendering, Simulation

### AutoCAD Workshop 2019

CADers, Khulna University of Engineering & Technology

#### Topics

Basic Engineering Drawing, Introduction to AutoCAD, Basic 2D Drawing, Tools for 2D drawing, Electrical and Civil Components, 3D Modeling, Surfacing, Rendering



## PROFESSIONAL QUALIFICATION

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### Certified SOLIDWORKS Professional Advanced Surfacing (CSWPA-SU)

26 September 2022

Certificate ID: C-FDC8K3HGUY

### Certified SOLIDWORKS Professional Advanced Weldments (CSWPA-WD)

17 February 2022

Certificate ID: C-RJPTABWC3Y

### Certified SOLIDWORKS Associate - Additive Manufacturing (CSWA-AM)

18 February 2022

Certificate ID: C-72S4NLERKT

### Certified SOLIDWORKS Professional Advanced Sheet Metal (CSWPA-SM)

29 July 2021

Certificate ID: C-F895KTBSXE

### Certified SOLIDWORKS Professional Advanced Drawing Tools (CSWPA-DT)

27 July 2021

Certificate ID: C-7V98X3TLU5

### Certified SOLIDWORKS Professional In Mechanical Design

28 April 2021

Certificate ID: C-THQMYVEU9A



## EXTRA CURRICULAR ACTIVITIES

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### Content Designer at CADres

*Designed and developed engaging and informative content for CADres, a technical club at KUET. Demonstrated strong communication, writing, and design skills through effective content creation.*

### Aerodynamics Expert at Team Kilo Flight

*Team Kilo Flight is a Formula Student Racing team from KUET. Their commitment is to accomplish new milestones in the country's new emerging automobile Industry by developing new techniques and introducing cutting-edge innovations.*

### Organized IGNITION 2023

*For IGNITION 2023, the mechanical engineering festival at Khulna University of Engineering and Technology, I served as the Content Designer and Editor, spearheading the festival's magazine publication and all digital content.*