





# Ramisa Fariha Mridha

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## CAREER OBJECTIVES

With a solid foundation in Electrical and Electronic Engineering (EEE) and currently pursuing a Master's in Biomedical Engineering (BME), I am passionate about designing and maintaining interconnected systems that promote automation, control, and innovation. My goal is to address stability and sustainability challenges while advancing medical technology

## EDUCATION

2024-ongoing	M.Sc. in Biomedical Engineering University of Oulu	Oulu,Finland
2018 - 2023	B.Sc. in Electrical and Electronic Engineering <i>Rajshahi University of Engineering &amp; Technology</i> CGPA: 3.55 (Out of 4.00)	Rajshahi
2015 - 2017	Higher Secondary Certificate <i>Rajshahi College, Rajshahi</i> GPA: 5.00 (Out of 5.00)	Rajshahi
2013 - 2015	Secondary School Certificate <i>Govt. P.N. Girs' High School</i> GPA: 5.00 (Out of 5.00)	Rajshahi

## WORK EXPERIENCE

2021-22	Chief Technology Officer Radio RUET	Rajshahi
2020-22	Officier x Photography TEDxRUET	Rajshahi

## RESEARCH & PROJECT WORKS

Ongoing	<b>Postgraduate Projects</b> <ul style="list-style-type: none"> <li>•Diabetic-Retinopathy-Grade-Detection-using-CNNs-and-Transfer-Learning-techniques</li> <li>•face detection algorithm using Raspberry Pi</li> <li>•Image-Classification-with-Fashion-MNIST-A-Deep-Learning-Approach</li> </ul>
2022-23	<b>Undergraduate Thesis</b> Robust Optimal Dynamic Voltage Restoration in a Compensated Resonant Grounded Distribution System
2018-23	<b>Other Project Works</b> Design of a microcontroller based soil irrigation system Design of a PLC based temperature sensor Design of a Line Following Robot (LFR) Design of a soccer robot
2018-23	<b>Lab Experiences at University</b> PLC lab experiences (Simulation and practical implementation with Simens PLC) Microcontroller lab experiences (Simulation and practical implementation on ATmega32) Electronics lab experiences (Practical Implementation of all types of basic operations) DSP and DIP lab experience (Various signal and image manipulation) Machine shop experiences

## VOLUNTEERING EXPERIENCE

2023	Volunteer 1st Reunion of EEEAR	Rajshahi
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## INDUSTRIAL ATTACHMENT

2022	Trainee Bheramara 410 MW Combined Cycle Power Plant	Rajshahi
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## ACHIEVEMENTS & PARTICIPATION

2023	2nd Runner-up Beetle-weight Robo Rumble, Tech-Mayhem 2023	RUET, Rajshahi
2023	Participant DUET RoboCup Championship	DUET, Dhaka
2022	Participant Precise Energy olympiad 2022	Ruppur, Ishwardi

## TRAINING

2021	Workshop on Networking Basics , Routing and Switching CSIT, PSTU	Potuakhali-8602,Bangladesh
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## SKILL

### Interpersonal Skills

- Critical Thinking
- Teamwork
- Planning
- Time Management
- Collaboration

### Software

- MATLAB
- AutoCAD
- Adobe Illustrator
- Adobe Photoshop
- Fuji
- Adobe Premier Pro
- Proteus Design Suite
- LOGO!
- MICROWIND
- EdSim51
- Emu8086

### Programming

- Python
- C

### Microsoft Office Suite

- Word
- Powerpoint
- Excel
- MS Visio

## LANGUAGES

- English
- Bengali

## REFERENCE

### Dr. Md. Shamim Anower

Additional Director of Institutional Quality Assurance Cell  
Professor, Department of Electrical and Electronic Engineering  
Rajshahi University of Engineering & Technology, Rajshahi-6204, Bangladesh  
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### Dr. Md. Sohel Rana

Professor, Department of Electrical and Electronic Engineering  
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### Md. Mahmudul Hasan

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## DECLARATION

I do hereby declare that all my information stated above in this Curriculum Vieta is true to the best of my knowledge and belief. I will be responsible for any wrong information.



Signature