Md. Ratbin Khan Rohan

ID: 4660735905 | **Work permit:** Bangladeshi | **Date of birth:** 29/03/2003 |

Place of birth: Panchagarh, Bangladesh | **Nationality:** Bangladeshi | **Phone number:**

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ABOUT ME

Engineering student passionate about exploring technology and innovation. Interested in research and development, aiming to pursue a PhD overseas to contribute to groundbreaking advancements. Strong analytical and problem-solving skills with hands-on experience in mechatronics and automation projects.

EDUCATION AND TRAINING

01/10/2023 – CURRENT Khulna, Bangladesh
BACHELOR OF SCIENCE IN MECHATRONICS ENGINEERING Khulna University of Engineering & Technology

- occupational techniques (making of standard breads, fancy breads, cakes and pastries)
- science applied to food and equipment (microbiology, biochemistry, hygiene)
- occupational technology (basic principles, hygiene and safety)
- knowledge of business and its economic, legal and social context

Website https://www.kuet.ac.bd/ | **Field of study** Engineering, manufacturing and construction | **Level in EQF** EQF level 6

13/09/2020 – 21/12/2022 Dhaka, Bangladesh
HIGHER SECONDARY CERTIFICATE Dhaka Residential Model College

Website http://www.drmc.edu.bd/ | **Field of study** Science | **Final grade** GPA-5.00 | **Level in EQF** EQF level 4

01/01/2015 – 11/03/2020 Panchagarh, Bangladesh
SECONDARY SCHOOL CERTIFICATE Panchagarh B.P. Govt. High School

Website http://www.bpschool.edu.bd/ | **Field of study** Science | **Final grade** GPA-5.00 | **Level in EQF** EQF level 3

01/01/2015 – 20/11/2017 Panchagarh, Bangladesh
JUNIOR SCHOOL CERTIFICATE Panchagarh B.P. Govt. High School

Website http://www.bpschool.edu.bd/ | **Field of study** Science | **Final grade** GPA-5.00 | **Level in EQF** EQF level 2

DIGITAL SKILLS

Digital Skills - Test Results

Information and data literacy	**ADVANCED**	Level 5 / 6
Communication and collaboration	**ADVANCED**	Level 6 / 6
Digital content creation	**ADVANCED**	Level 6 / 6
Safety	**ADVANCED**	Level 6 / 6
Problem solving	**ADVANCED**	Level 5 / 6

Results from [self-assessment](#) based on [The Digital Competence Framework 2.1](#)

My Digital Skills

Microsoft Powerpoint | Microsoft Excel | Social Media | Solidworks software | Python Language - Basic knowledge | C Programming (Basics) | Matlab(Basics) | Arduino apllications basic level

HONOURS AND AWARDS

16/02/2018
First Runner Up – Bangladesh Biology Olympiad

The **Bangladesh Biology Olympiad (BdBO) – Secondary Level** is a national competition designed to ignite students' interest in biology and enhance their analytical skills. Organized by the **Bangladesh Biology Olympiad (BdBO)**, it tests participants' knowledge in areas such as genetics, ecology, physiology, and biotechnology. High-achieving students may earn the chance to attend advanced training camps and represent Bangladesh at the **International Biology Olympiad (IBO)**.

26/12/2014
Second Runner Up – Bangladesh Mathematical Olympiad

The **Bangladesh Mathematical Olympiad (BdMO) – Primary Level** is a national mathematics competition designed to inspire young students to develop problem-solving skills and a love for mathematics. Organized by the **Bangladesh Mathematical Olympiad Committee (BdMOC)**, it provides an engaging platform for primary school students to tackle challenging mathematical problems, enhance logical reasoning, and compete at regional and national levels. Outstanding participants may qualify for advanced training camps and future competitions.

12/05/2018
LIFE SKILLS CAMP 2018 – EDUCATION PARLIAMENT

The **Life Skills Camp** by **Education Parliament** is an interactive program designed to equip students with essential skills for personal and professional growth. Through engaging workshops and activities, participants develop critical thinking, communication, leadership, problem-solving, and emotional intelligence. The camp fosters a practical learning environment, preparing students to navigate real-life challenges with confidence and resilience.

25/08/2020
General Scholarship – SSC Examination – Board of Intermediate and Secondary Education,Dinajpur

The **SSC General Scholarship** is a merit-based financial award given by the government of Bangladesh to students who achieve outstanding results in the **Secondary School Certificate (SSC) Examination**. This scholarship is aimed at recognizing academic excellence and supporting students in their higher education journey. Recipients are selected based on their SSC results and the scholarship may include financial assistance for tuition and other educational expenses.

Link https://dinajpureducationboard.gov.bd/site/notices/56e8d8c8-7cee-4d5b-875d-842d95cac093/SSC-Scholarship-2020

12/04/2018
General Scholarship – JSC Examination – Board of Intermediate and Secondary Education,Dinajpur

JSC General Scholarship is a merit-based award given to students who perform exceptionally well in the **Junior School Certificate (JSC) Examination** in Bangladesh. It is granted by the government to recognize academic excellence and encourage students to continue their studies. Recipients are selected based on their overall grades and ranking in the exam.

Link https://allresultbd1.files.wordpress.com/2018/04/din-jsc-briti-2017.pdf

PROJECTS

10/02/2025 – CURRENT
Autonomous Trash Separation System

I am working on a simple Arduino-based group project where we are building a system that can separate trash depending on the type of material it is made of. It will separate glass, metal, wet, and dry trash from each other.

LANGUAGE SKILLS

Mother tongue(s):   **BENGALI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B1	B1	A2	A2	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user