



# Roaida Binta Ali

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🌐 **LinkedIn**: <https://www.linkedin.com/in/roaida-binta-ali-98a586317>

**Gender**: Female **Date of birth**: 01/07/2005 **Place of birth**: Brahmanbaria, Bangladesh **Nationality**: Bangladeshi

## ABOUT ME

I am a Bachelor's student in Electrical and Electronic Engineering at KUET and passionate about problem-solving and innovation. Skilled in AutoCAD[2d and 3d], C, C++, MS Office, and graphic design, I enjoy creatively presenting technical concepts. Constantly exploring new technologies, I seek opportunities to gain hands-on experience and contribute to impactful engineering projects.

## WORK EXPERIENCE

### *Embedded Innovators*

**City**: Khulna | **Country**: Bangladesh

[ 01/03/2025 – Current ] **Embedded Systems Trainee**

1. Learning & Skill Development
2. Project Development & Implementation
3. Research & Innovation
4. Collaboration & Teamwork
5. Documentation & Presentation

### *EEE Makes HUB*

**City**: Khulna | **Country**: Bangladesh

[ 15/01/2025 – Current ] **Junior Executive**

Promote and manage event outreach for EEE Makers' Hub, engaging students and increasing participation.

Develop promotional materials and strategies to enhance club visibility.

Collaborate with the team to organize successful engineering-related events.

### *Udvash-Unmesh*

**City**: Khulna | **Country**: Bangladesh

[ 01/03/2023 – 01/02/2025 ] **Q&A Solver**

Provide clear and concise solutions to academic questions, helping students understand complex concepts.

Ensure accuracy and clarity in answers across various subjects.

Contribute to a learning environment by engaging with students' queries effectively.

## EDUCATION AND TRAINING

[ 01/08/2023 – Current ] **Bachelors in Electrical and Electronic Engineering**

**Khulna University of Engineering and Technology** <https://www.kuet.ac.bd/>

**City:** Khulna | **Country:** Bangladesh | **Field(s) of study:** Engineering, manufacturing and construction: • *Electricity and energy* • *Electronics and automation*

[ 01/06/2020 – 20/12/2022 ] **Higher School Certificate**

**Brahmanbaria Government College** <https://bgc.edu.bd/>

**City:** Brahmanbaria | **Country:** Bangladesh | **Field(s) of study:** Science | **Final grade:** GPA-5.00

[ 01/01/2009 – 10/03/2020 ] **Secondary School Certificate**

**Bangladesh Gas Field's School And College** <https://bgfsc.edu.bd/>

**City:** Brahmanbaria | **Country:** Bangladesh | **Field(s) of study:** Science | **Final grade:** GPA-5.00

## SKILLS

PCB Design | PROGRAMMING LANGUAGES: C, C++ | Microsoft Office | ARDUINO | AUTOCAD | GRAPHICS DESIGN | Engineering drawing | Data Entry/ Data Manipulation | Data Entry & Organization of Data | Logistic Management | Good Communication and Writing Skills | Critical Thinking. | Problem Solving (Problem Analysis) | TIME MANAGEMENT | planning and organising skills | Teaching, explaining | Direction and Leadership | MANAGEMENT | Social Media

## PROJECTS

[ 15/01/2025 ] **Motion Activated Light**

The Motion-Activated Light is an intelligent lighting system designed to automatically turn on when movement is detected and switch off after a set period of inactivity. This project enhances energy efficiency and convenience, making it ideal for homes, offices, and security applications

## CERTIFICATION

[ 01/03/2020 – 01/07/2020 ] **National Skill Standard Basic (360) 6 Month Course**

Secured A+ in the National Skill Standard Basic (360 Hrs) course Examination, Certified by Bangladesh Technical Education Board (BTEB), completed through Apple IT Institute."

**Link:** <https://bteb.gov.bd/>

[ 01/01/2020 ] **11th Bangladesh Chemistry Olympiad 2020 (11thBdChO 2020)**

Chemistry Olympiad Organized by BD Chemical Society

## TRAINING

[ 01/01/2024 ] **Trial And Error**

**Arduino & Embedded Systems** – Hands-on experience with microcontroller programming, circuit integration, and debugging through **Trial and Error 4.0**.

**C Programming** – Proficient in writing efficient code, debugging, and problem-solving with a strong foundation in algorithm development.

**Link:** [https://www.facebook.com/eeemakershub/?\\_rdr](https://www.facebook.com/eeemakershub/?_rdr)

[ 13/02/2025 ] **Plannation**

**-Plannation Event** – Learned AutoCAD and applied skills in a hands-on competition, enhancing technical and design proficiency.

**Link:** <https://www.facebook.com/Plannation.urp.kuet/>

[ 10/03/2025 ] **Introduction to C Plus Plus**

Gained foundational knowledge of C++ programming, including syntax, data structures, and object-oriented principles.

**Link:** <https://simpli.app.link/EHe5sMXbGRb>

[ 14/03/2025 – 20/03/2025 ] **AutoCAD Essentials course for complete beginners**

AutoCAD Essentials – SourceCAD Completed a beginner-level course covering the fundamentals of 2D drafting, drawing tools, object modification, and layout creation using AutoCAD. Gained hands-on experience with practical design projects.

**Link:** <https://sourcecad.com/courses/autocad-essentials-course/>

[ 08/06/2025 – 09/06/2025 ] **Get Started With Microsoft 365 Copilot**

Get Started with Microsoft 365 Copilot – Microsoft Learn Completed a foundational course on using Microsoft 365 Copilot to enhance productivity with AI-powered tools in Word, Excel, Outlook, and Teams. Learned how to integrate Copilot into daily workflows for content creation, data analysis, and communication.

**Link:** <https://learn.microsoft.com/en-us/training/paths/get-started-with-microsoft-365-copilot/>

[ Current ] **AI+ Prompt Engineer Level 1™**

Foundational Knowledge: Covers generative AI, ML, NLP, and neural networks essentials

Hands-on Learning: Offers practical training in designing and optimizing prompts

Industry-Relevant Skills: Prepares learners to build effective AI solutions across sectors

Prompting Expertise: Certifies participants to craft impactful, domain-specific prompts

**Link:** <https://www.aicerts.ai/certifications/essentials/ai-prompt-engineer/>

## HONOURS AND AWARDS

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[ 01/05/2025 ] **Selected For 2nd Phase of Techathon Awarding institution:** MIE Revolution CUET 2025!

Techathon Selection – MIE Revolution CUET 2025 Project Bistro 92 selected for the 2nd phase of the Techathon segment at MIE Revolution CUET 2025. Collaborated on idea development and technical implementation with teammate Sumaiya Khan. Recognized for innovation and teamwork.

[ 30/05/2025 ] **Winner – Article Writing Segment, TEXBIZ 2025 Awarding institution:** TEXBIZ 2025 by BUTEX Business Club

Winner – Article Writing Segment, TEXBIZ 2025 Awarded 1st place in the Article Writing competition organized by BUTEX Business Club. Authored two impactful articles: “Nature-Woven Futures: The Rise of Bio-Based Textiles” and “Using AI to Tackle Overstock and Waste”, focusing on sustainable fashion and technology-driven solutions.

## VOLUNTEERING

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[ 01/06/2025 – 27/06/2025 ] **Campus Ambassador** NNC 2025 BUET

Promoted events and initiatives on campus, engaged students, coordinated activities, and represented the brand. Developed skills in communication, marketing, and team collaboration.

## LANGUAGE SKILLS

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**Mother tongue(s):** Bengali

**Other language(s):**

**English**

**LISTENING** B2 **READING** C2 **WRITING** C2

**SPOKEN PRODUCTION** B1 **SPOKEN INTERACTION** B1

**Hindi**

**LISTENING** C2 **READING** A1 **WRITING** A1

**SPOKEN PRODUCTION** C2 **SPOKEN INTERACTION** C2

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

## HOBBIES AND INTERESTS

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**Reading Books**

**Art**