



Krittika Roy

B.Sc & M.Sc in Computer Science & Engineering



CAREER OBJECTIVE:

I am a dedicated and passionate Computer Science and Engineering graduate seeking a full-time position in a dynamic environment that presents greater challenges. My goal is to leverage my skills and gain further experience while contributing to the organization's efficiency and productivity. I possess a strong foundation in software development, with proficiency in programming languages such as C, Java, and Python. Additionally, I have hands-on experience with web development technologies, including HTML, PHP, CSS, Bootstrap, and JavaScript. Beyond software development, I have a keen interest in networking, research paper writing, and data entry. I am eager to apply my diverse skill set to help drive the organization forward.

Education:

- 1. MSC in Computer Science & Engineering(Professional), Jagannath University (2025 to present)**
- 2. BSC in Computer Science & Engineering, East West University (2020 to 2024)**
Major: Software
CGPA: 3.49 out of 4.00

3. HSC, Azimpur Govt. Girls School & Collage (2017 to 2019)

Group: Science

GPA: 4.33 out of 5.00

Board: Dhaka

4. SSC, Bajpara High School (2017)

Group: Science

GPA: 4.91 out of 5.00

Board: Dhaka

Work Experience:

1. **Organization:** Solvers

Position: Data Entry, Video Editing & IT Supports (Part Time, On-Site)

Company: SOLVERS 1st Floor, House 70, Road 2, Block A, Niketon, Gulshan-1, Dhaka-1212

Duration: 23 – 01 – 2025 to 12-02-2025.

2. **Organization:** Business Automation Ltd.

Position: Internship, WebCraft (Remote)

Company: Kawran Bazar

Duration: January 2025 to April 2025.

3. **Organization:** East West University

Position: Research Assistant, MPS (Full Time)

Company: A, 2 Jahurul Islam Ave, Dhaka 1212

Duration: 04 – 05 – 2025 to present.

Technical Skills:

1. **Programming Language:** C, Java, and Python.

2. **Web Development Technologies:**

Frontend	Backend	Database
HTML	PHP	MySQL
CSS	JavaScript	
Bootstrap	Laravel	

3. **Others:** XML, PLSQL, Git, Cisco packet tracer, Adobe Photoshop, MS Word, MS PowerPoint, MS Excel, Google Docs, Google Sheet, Google Slide, Draw.io, AutoCAD, Oracle Apex, Image Processing (Model: VGG16, VGG19, CNN, ResNet50 etc.), Figma, Collab & Eclipse.

Projects:

1. **Student Result Management System:** A PHP-MySQL-based system for managing student results efficiently. [View Project](#)
2. **ShasthoBondhu Update:** A full stack project for managing health Care and appointments. [View Project](#)
3. **Loud Music:** A web music player allowing users to stream and manage playlists. [View Project](#)
4. **Mundana Website:** A website built for content sharing with a clean UI. [View Project](#)
5. **Capstone CPPTX:** This is my thesis presentation slide I make it using Html and Bootstarp for my frontend learning. [View Project](#)
6. **E-commerce Website:** A FrontEnd e-commerce platform with cart and payment integration. [View Project](#)

Training & Additional Courses:

1. One month training in “**BYLC (CareerX23)**”.
2. Three days training in “**WIT institute (Graphic Design)**”.
3. One day training in “**Microsoft Azure Administration**”.
4. Three-month training in “**NSDA (Web Design and Development for Freelancing Level -3) from Pencil Box**”.
5. Three days training in “**WIT institute (Degital Marketing)**”.
6. Training in Laravel “**Full Stack Web Development**”.

Research & Publication:

1. Marwa Khanom Nurtaj, Rafsan Bari Shafin, Md Nahid Hasan, **Krittika Roy**, M. Saddam Hossain Khan, Rashedul Amin Tuhin, Md. Mohsin Uddin, “**Enhancing Performance of Abstractive Multi-Documnet Update Summarization on TAC Dataset.**”
2. Shafika Sikander, Nowshin Tasnia, **Krittika Roy**, Mahabub Hasan Shamim, Sanjeda Sara Jennifer and Ahmed Wasif Reza, “**Development of a Nano-Coating Based Solution for Surface Dirt Removal on Solar Panels using Deep Learning.**”

Extracurricular Activities:

1. **Organization:** Society for the Popularization of Science, Bangladesh (SPSB).

Position: Internship, Voluntar

Company: Level 12, Green City Center, 758 Satmasjid Road, Dhaka, Bangladesh

Duration: April 2025 to Present.

- Team work
- Research publications

- Workshops and Seminars
- Certifications and Courses
- Personal Projects
- Voluntary work

Joined Seminar's:

1. EWU Career Meet 2024 on 10 February "**Bkash**".
2. Career development as a data scientist at "**Microsoft**".

Personal Information:

- **Father's name:** Swadesh Ranjan Roy
- **Occupation:** Senior Teacher & Assistant Head Teacher (In Charge), Faridabad High School, Dhaka.
- **Mother's name:** Shankari Rani Saha
- **Occupation:** Head Teacher, Bibirasti Govt. Primary School, Manikganj.

Address:

1. **Present Address:** 81/A K. B. Road, Loharpul, Sutrapur, Dhaka.
2. **Permanent Address:** Village: Gangutia, Post: Dhamrai, Dist.-Dhaka, Bangladesh.

Language:

- Bangla
- English