

# Krittika Roy

## BSC in Computer Science & Engineering

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**LinkedIn:** [www.linkedin.com/in/krittika-roy-516629281/](https://www.linkedin.com/in/krittika-roy-516629281/)

**Portfolio:** <https://krittikaroy0.github.io/portfolio/>

**Link tree:** <https://linktr.ee/krittikaroy2001>



### 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 webdevelopment technologies, including HTML, PHP, CSS, Bootstrap, andJavaScript. 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:

Exam Title	Concentration Major	Institute	Result	Passing Year
M.Sc	CSE	Jagannath University	—	2025 to present
B.Sc	CSE (software)	East West University	3.49 out of 4.00	2024
HSC	Science	Azimpur Govt. Girls School & Collage	4.33 out of 5.00	2019
SSC	Science	Bajpara High School	4.91 out of 5.00	2017

## Work Experience:

Organization	Position	Company	Duration
East West University	Research Assistant, MPS (Full Time)	A, 2 Jahurul Islam Ave, Dhaka 1212	04 may 2025 to present
Business Automation Ltd.	Internship, WebCraft (Remote)	Kawran Bazar	January 2025 to April 2025
Solvers	Data Entry, IT Supports& Video Editing. (Part Time)	SOLVERS 1st Floor, House 70, Road 2, Block A, Niketon, Gulshan-1, Dhaka-1212	23 January 2025 to 12 February 2025

## Technical Skills:

1. **Programming Language:** C, Java, and Python.
2. **Web Development Technologies:**

Frontend	Backend	Database
<ul style="list-style-type: none"><li>▪ HTML</li><li>▪ CSS</li><li>▪ Bootstrap</li></ul>	<ul style="list-style-type: none"><li>● PHP</li><li>● JavaScript</li><li>● Laravel</li></ul>	<ul style="list-style-type: none"><li>▪ MySQL</li></ul>

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:

<b>i. Networking</b>	1. <a href="#">krittikaroy0/Networking</a>
<b>ii. Frontend Responsive Websites</b>	<ul style="list-style-type: none"><li>2. <a href="#">https://krittikaroy0.github.io/Music/</a></li><li>3. <a href="#">https://krittikaroy0.github.io/E-commerce/</a></li><li>4. <a href="#">https://krittikaroy0.github.io/educational-Institute/</a></li><li>5. <a href="#">https://krittikaroy0.github.io/loud-music/</a></li><li>6. <a href="#">https://krittikaroy0.github.io/CapstoneCPPTX/</a></li><li>7. <a href="#">https://krittikaroy0.github.io/catering_services/</a></li><li>8. <a href="#">https://krittikaroy0.github.io/Mundana_Website/</a></li><li>9. <a href="#">https://krittikaroy0.github.io/Onu-Advance-Bootstrap Website/</a></li></ul>

<b>iii. Full Stack Website</b>	11. CSE479/projectCSE479 at main · krittikaroy0/CSE479 · GitHub 12. krittikaroy0/Online_Health_Care
<b>iv. Java</b>	13. krittikaroy0/CSE110-JAVA_PROJECT
<b>v. Image Processing</b>	14. krittikaroy0/CSE407
<b>vi. Data Science</b>	15. krittikaroy0/CSE303
<b>vii. AI</b>	16. krittikaroy0/CSE366_AI

## Training & Additional Courses:

Title	Institute	Country	Location	Year	Duration
Full Stack (Laravel)	ICT Division	Bangladesh	Jagannath University	2025	
Digital Marketing	WIT institute	Bangladesh	Farmgate	2024	Three days
Web Design and Development for Freelancing Level -3	NSDA	Bangladesh	Pencil Box, Kawran Bazar	2024	Three-month
Microsoft Azure Administration	East West University	Bangladesh	East West University	2023	One day
Graphic Design	WIT institute	Bangladesh	Farmgate	2023	Three days
CareerX23(Leadership)	BYLC	Bangladesh	East West University	2023	One Month

## 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–Document 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.”**
3. Mohammad Rifat Ahmmad Rashid, Mahamudul Hasan, **Krittika Roy**, Nowshin Tasnia, **“Numismatic Heritage of Coin Dataset Bangladesh”**, Mendeley Data, V1, doi: 10.17632/w5zspm82zd.

## Extracurricular Activities:

1. **Organization:** Society for the Popularization of Science, Bangladesh (SPSB).  
**Position:** Internship, Voluntar  
**Location:** Level 12, Green City Center, 758 Satmasjid Road, Dhaka, Bangladesh  
**Duration:** April 2025 to Present.
2. Team work
3. Research publications
4. Workshops and Seminars
5. Certifications and Courses
6. Personal Projects

## Joined Seminar's:

1. EWU Career Meet 2024 on 10 February **Bkash**.
2. WIT Institute Graphic Design.
3. Career development as a data scientist at **Microsoft**.

## Language:

1. Bangla
2. English

## 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.

## References:

1. **Dr. Md. Hasanul Ferdous**  
Assistant Professor  
Department of Computer Science  
& Engineering  
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2. **Mahamudul Hasan**  
Senior Lecturer  
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& Engineering  
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