

# Subrata Baishnab

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## About Me

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I am a Computer Science and Engineering senior passionate about AI, data analytics, design-development and educational collaboration and focused on technical problem-solving, research, development and leadership with experience in cultural activities, event planning, linguistics and content creation. Recognized in national contests and conferences, combining technical expertise with strong communication and teamwork abilities.

## Skills

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- **Programming knowledge:** Python, C, SQL, Pandas, scikit-learn, TensorFlow, PyTorch, ML model development, ETL processes.
- **Collaboration & Tools:** Ubuntu, Git, GitHub, API integration, Figma, Canva, Draw io, mermaid.
- **Soft Skills:** Leadership, Public Speaking, Event Planning, Educational Outreach, singing, painting, gardening.

## Education

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<b>BRAC University</b> <i>BSc. in Computer Science and Engineering</i> <ul style="list-style-type: none"><li>◦ CGPA: 3.42/4.0 (118/136 credits completed)</li></ul>	<i>Jan 2022 – Present</i>
<b>Govt. City College, Chattogram</b> <i>Higher Secondary Certificate, Science</i> <ul style="list-style-type: none"><li>◦ GPA: 5.00/5.00</li></ul>	<i>Chattogram Board, 2020</i>
<b>Ispahani Public School and College, Chattogram</b> <i>Secondary School Certificate, Science</i> <ul style="list-style-type: none"><li>◦ GPA: 5.00/5.00</li></ul>	<i>Chattogram Board, 2018</i>

## Experience

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- Secretary, Editorial & Publications, Robotics Club of BRAC University (Present).
- General member, EPOCH ONE (Independent AI Collective, BRAC University) [University AI community].
- Volunteer, Research Metrics Committee (RMC), BRAC University: Supported *Quality Journal Publication Award 2025*.

## Certifications

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- MLOps Fundamentals, DataCamp (14 hrs, 2024).([GitHub Repo](#) )




## Awards & Recognition

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- 2<sup>nd</sup> Runner-Up, IEEE AESS & ComSoc BRACU SEC COSMATRIX-2023.
- Accepted for Presentation: Peer-reviewed paper, "MambaReID: A Resource-Efficient Computer Vision Approach for Generalized Animal Re-Identification," accepted for presentation at the 4th IEEE RAAICON 2025.


## Projects

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**Water Potability Analysis Agent** ( [GitHub Repo](#)  ), **Professor Recommendation Agent** ([GitHub Repo](#)  ), **Diabetes Prediction** ([GitHub Repo](#)  )

## Profiles

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- **GitHub:** [github.com/SubrataBaishnab](https://github.com/SubrataBaishnab) 
- **LinkedIn:** [linkedin.com/in/subrata-baishnab-25229b387](https://linkedin.com/in/subrata-baishnab-25229b387) 