

Koushiki Devi Agarwalla

Institute of Information Technology (Jahangirnagar University)

Savar, Dhaka-1342, Bangladesh

☎ +8801742-364333

✉ koushikiagarwal24@gmail.com

🌐 github.com/KoushikiAgarwal

Education

- **B.Sc in Information Technology**, Jahangirnagar University (2020–Present) CGPA: 3.62/4.00
- **H.S.C in Science**, Govt. Saroda Sundori Mohila College, Faridpur (2019) GPA: 4.5/5.00
- **S.S.C in Science**, Faridpur Govt. Girls High School, Faridpur (2017) GPA: 5/5

Technical Skills

- **Programming Languages:** C, Python, JavaScript
- **Frameworks:** ReactJS, NodeJS, Flask, TensorFlow, Keras, PyTorch
- **Web Technologies:** HTML, CSS
- **Tools:** Anaconda, Visual Studio Code, LaTeX, Google Colab, Canva, Adobe Illustrator
- **Database:** MySQL
- **Operating Systems:** Windows, Linux

Key Projects

- **Flower Color Predictor Using Resnet50 (2025)** - Click to view project
- **Virtual Classroom Platform ZoomUp(2024)**- Click to view project
- **Soccer Agency Website (2024)** - Click to view project
- **Audio Analysis System (2023)** - Built in MATLAB for audio identification and analysis.
- **Water Level Monitoring (2022)** - Sensor-based system for real-time water level tracking.
- **E-Commerce Product Size Identifier (2022)**- Click to view project

Research Work

Thesis (Jan 2024–Present): Classified raw image dataset into different stages of involvement of ASD students in Classroom and Proposed multimodal ensemble approach to detect involvement of ASD students in classroom.

Professional Activities

- Treasurer, IEEE-WIE, Jahangirnagar University (Present)

Achievements

- **1st position in ML and IoT Quiz Competition (2024)**
- **Certificate in Cyber Security**, EDGE Bangladesh (2024)
- **3rd Year Merit Stipend**, IIT-JU (2025)
- **2nd Year Merit Stipend**, IIT-JU (2024)
- **1st Year Merit Stipend**, IIT-JU (2023)
- **4th position in Cyber Hackathon**, Cyber Security Society, JU (2022)
- **Certificate in Web Development**, Digital IT Institute, Dhaka (2021)