

Biswadeep Mazumder

Bachelor of Technology, Computer Science and Engineering
Jorhat Engineering College

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 my-portfolio-biswadeep.netlify.app






EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech., CSE	Jorhat Engineering College	8.52	2023-2027
Senior Secondary	Kendriya Vidyalaya	91.67%	2020-2022
Secondary	Kendriya Vidyalaya	86.4%	2010-2020

EXPERIENCE

- **Winter Intern, IOCL Guwahati** Jan 2025
Intern under Mr. Prakash Kr. Sinha Guwahati
 - Designed and experimented with predictive maintenance machine learning models.
- **Research Intern, IIIT Guwahati** July 2025
Intern under Dr. Manojit Ghose Guwahati
 - Designed and experimented with advanced technologies in custom CNN architectures to optimize the model performance for resource-constrained deployment.
- **Runners Up, HACKDAYS 3.0** March 2025
Hackathon organized by Guwahati University Guwahati
 - Developed an AI-based evaluation system with adaptive, concept-focused assessments to reduce rote learning and ensure fair grading.

PERSONAL PROJECTS

- **Personal Portfolio Website** 
 - Designed and developed a responsive personal portfolio using HTML, CSS, and Js to showcase projects and skills.
- **AI-Based Evaluation System for Concept-Focused Assessment** 
 - Built an AI-driven assessment system using semantic similarity-based grading to reduce rote learning and align evaluations with instructor intent.
- **Streamlit ML Showcase: Diamond Pricing & Terrain Classification** 
 - Developed interactive ML dashboards enabling real-time regression and CNN-based classification predictions.
 - Implemented diamond price prediction and land terrain classification across six landscape categories.
- **Face Recognition-Based Attendance System** 
 - Engineered a real-time face recognition pipeline for automated attendance logging.
- **Automated Image Dataset Scraper** 
 - Built a Streamlit-based web tool to automate large-scale image scraping for CV datasets.

TECHNICAL SKILLS AND INTERESTS

- **Programming Languages:** C/C++, Python, HTML, CSS, Javascript
- **Libraries:** Scikit-learn, TensorFlow, OpenCV, Matplotlib, Selenium
- **Tools:** VS Code, GitHub, Jupyter Notebook, Google Colab, MySQL
- **Areas of Interest:** Natural Language Processing, Web Scrapping, Machine Learning, Deep Learning

CERTIFICATIONS

- **Supervised Machine Learning: Regression and Classification** Stanford University & Coursera
- **Advanced Learning Algorithms** Stanford University & Coursera
- **Unsupervised Learning, Recommenders, Reinforcement Learning** Stanford University & Coursera