

SAIKAT DAS

📍 Krishnanagar, West Bengal
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EDUCATION

Course	Institute	Year of Passing	Result
M.Tech - CSE	IIT Jammu	Expected 2024	7.53 CGPA
B.Tech - ECE	Techno International New Town	2020	7.7 CGPA
12th Standard	Taherpur Netaji High School	2015	72%
10th Standard	Taherpur Netaji High School	2013	68.71%

SCHOLASTIC ACHIEVEMENTS

- GATE Qualified on 2021 (AIR - 539)
- Principles of Communication System 1 got 85% marks from IIT Kharagpur.

PROJECTS

Dynamic Weather Website

Web Developer (Sept 2023)

- Developed a web app to display real-time weather information using **HTML, CSS, and JavaScript**.
- Utilized **Node.js** for back end functionality and integrated **real-time weather APIs** for data updates.
- Designed a user-friendly and responsive interface for easy interaction across various devices.

Design An Animated Website

Web Developer (Jul 2023 - Sept 2023)

- Developed a captivating website with HTML, CSS, and JavaScript for an immersive, responsive, and accessible experience.
- Utilized GSAP (Green Sock Animation Platform) for animations and explored new GSAP features.
- Integrated interactive elements like animated buttons that respond to the hover and content sliders for enhanced user interaction.

Conversational Fashion Outfit Generator

Data Scientist (Aug 2023 - Sept 2023)

- Developed Conversational Fashion Outfit Generator with Gen AI, finetuned using social media trends and user data.
- Integrated web **crawlers** to source data from Instagram, Pinterest, and Flipkart for outfit recommendations.
- Utilized pretrained **SDXL model** for accurate fashion recommendations based on individual style and preferences.
- Ensured continuous user engagement by incorporating feedback and improvements to enhance user satisfaction.
- Implemented image-based product similarity feature using **Euclidean distance**, linking users to top 5 similar products on Flipkart.

Implement an Adversarial Attack On MNIST Dataset Using FGSM With Convolutional Neural Network.

Data Scientist (Feb 2023 - Apr 2023)

- Implemented an attack on the **MNIST dataset** using the **Fast Gradient Sign Method** with a **Convolutional Neural Network**.
- Utilized **FGSM**, the misclassification through visually akin adversarial examples from the **CNN** model trained on MNIST.

SKILLS

Operating System	Windows, Linux
Programming Languages	C , Python, C++
Web Development	HTML, Javascript, CSS, Node.js, REST APIs, React JS
Softwares	Git, SQL, LaTeX
Big Data	Hadoop, Apache Spark
Other Technology	Machine Learning, NLP, Deep Learning, Digital Image Processing, System Verilog, Digital Signal Processing

ADDITIONAL DETAILS

- Successfully completed a course on [Supervised Machine Learning](#) authorized by DeepLearning.AI and Stanford University.
- Completed six weeks of online training on Programming with Python from Internshala.
- Outstanding coding profile - [GeeksForGeeks](#) Rank is 4, [Hackerrank](#) 5 Star and [Leetcode](#) Rank is 1443.