

Curriculum Vitae

Ranjan Das

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Career Objective

My objective is to achieve a responsible position in a reputed company & explore myself more efficiently in an industry. My goal also includes learning new technologies which will be introduced in upcoming years and contribute my best skills to the company. I am an AI/ML enthusiast passionate about creating intelligent, user-centric solutions and driving product excellence through data-driven insights. I aim to contribute my technical and analytical skills in a reputed organization to develop innovative, efficient, and impactful AI-powered products.

Education

Name of the Institution	Degree	Board	Year of passing	Percentage of Marks
Brainware University	B.Tech	UGC		
Higher secondary	12 th	WB	2022	79%
Secondary	10th	WB	2020	81%

Technical Skills/Additional Certification.

- Programming Languages – C, Java, Python
- Web skills- HTML, CSS, JavaScript
- Additional skills- networking (CISCO), cloud computing (AWS)
- ML frameworks- Tensorflow, PyTorch, Scikit-learn and some popular python libraries like Pandas, numpy, matplotlib etc.

Academic Projects

Visual Search using VLM's :-

As part of B.Tech. Research Project (6th Semester), we Develop a visual search engine that leverages vision-language models (VLMs) to retrieve relevant images based on textual queries or sample images. The system should embed both text and images into a shared representation space, allowing users to search via keywords, natural language descriptions. I was responsible for machine learning part and also database part. **(date- Jan24-Feb'25)**

App deployment server:-

As part of a network & Cloud security Project I am currently developing and refining an efficient application deployment solution, leveraging cloud technologies to ensure scalability and reliability. Utilizing AWS and SQL, I am designing and implementing a robust server infrastructure to support seamless app deployment and management. This ongoing project aims to explore innovative deployment strategies, optimize performance, and enhance overall efficiency. **(ongoing)**

Sentiment Analysis Project:-

Utilized Python and Natural Language Processing (NLP) techniques to develop a sentiment analysis model, accurately classifying emotions and opinions from text data. **(date-29.03.2025)**

Web scraping project:-

I Developed a Python-based web scraping system to extract, clean, and analyze large-scale data from multiple websites. Implemented BeautifulSoup and Requests for data collection, integrated Pandas for preprocessing, and generated insights through visualizations. **(date- 11.08.2025)**

Trainings & Workshops

- Attended a 2 days workshop on HTML (12.12.2024) .
- Attend physics workshop on quantum computing. (06.01.2023).
- Attend 'WE ARE DEVELOPERS' seminar held in our college (08.05.2024).
- Attend IBM workshop held in our college (01-02nd april,2025).
- Completed a **3-month Machine Learning Industrial Training** from 'INTEL' gaining hands-on experience in model development, data preprocessing, and performance evaluation. (28th feb- 15th apr).
- Joined **Code Alpha as a Data Analyst Intern** working on data cleaning, exploratory data analysis, and visualization to derive actionable insights. (10th Aug – 10th Sept, 1 month)

Extra-curricular Activities

- Completed a certification course in Python Programming using Data Structures and Algorithms (DSA) from NPTEL, demonstrating expertise in programming fundamentals and data structures.
- Participated in Smart India Hackathon and secure 12th rank.
- **Completed multiple Machine Learning and AI-based courses** from *Infosys* and earned certifications, covering topics such as supervised & unsupervised learning, deep learning, and AI applications.
- **Certified AWS Solutions Architect – Associate** by successfully passing the AWS certification exam, demonstrating expertise in designing and deploying scalable, reliable, and cost-efficient cloud solutions.
- **Earned IBM Certification** in 'Getting Started with AI', demonstrating foundational knowledge in artificial intelligence concepts and achieving professional excellence in the program

Languages Known

Language	Read	Write	Speak
English	yes	yes	yes
Hindi	yes	yes	yes
Bengali	Yes	Yes	yes

Hobbies

Watching football (both national and international)

Personal Details

Date of Birth: 10.10.2004

Permanent Address: 8no. Deshbandhu colony Khardah, KOL- 700117

Fathers Name: Raju Das

Nationality: Indian