

Manotosh Maity

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Career Objective

Motivated Computer Science undergraduate specializing in Artificial Intelligence and Machine Learning, with strong skills in full-stack development and data-driven problem solving. Seeking an opportunity to apply my knowledge of machine learning, NLP, and modern web technologies to build scalable real-world applications while continuously learning and contributing to organizational growth.

Education

Brainware University

B.Tech in Computer Science and Engineering (AI & ML)

CGPA: 8.82 — 83.7%

Skills

Languages: C, Python, Java, HTML, CSS, JavaScript, PHP

Frameworks & Libraries: Next.js, React.js, Node.js, FastAPI, Django

Data Science & ML: Pandas, Scikit-learn, Matplotlib, Deep Learning, NLP

Databases: MongoDB, SQL

Tools: Figma, NPM

Domain Expertise: Machine Learning, Full Stack Development

Projects

VLM

Live

- Designed and implemented a visual search engine leveraging Vision-Language Models (VLMs).
- Developed a shared embedding space for effective text-image retrieval.
- Managed database systems for efficient multimodal embedding storage and indexing.

MindCare

Live

- Developed an AI-powered platform for mental health assessment and counseling.
- Integrated emotional analytics, self-assessment tools, and real-time counseling.
- Built interactive dashboards using Recharts with responsive UI.

Zentro

Live

- Built a responsive MERN stack eCommerce platform with authentication and cart features.

Virtual Experience Programs & Technical Training

- **Euphoria GenX (SEP 2025):** Designed scalable MERN applications.
- **IBM Cloud (AUG 2025):** Hands-on experience with IaaS, PaaS, SaaS.
- **Spoken Tutorial (Jul 2024):** Java programming via IIT Bombay.
- **Intel Unnati (Apr 2025):** Deep Learning, Machine Learning, NLP.
- **NIELIT (Jun 2025):** Blockchain, Big Data, Data Science (FutureSkills PRIME).

Achievement and Extra Curricular Activities

- Solved 100+ DSA problems on LeetCode
- Joined R-programming workshop