Biswaraj Bhattacharyya

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
M.Tech. (AI)	Indian Institute of Technology, Patna	NA (Current)	2025-Present
B.Tech. (CSE)	Narula Institute of Technology, Kolkata	8.82	2021-2025
Senior Secondary	ISC Board	95.0%	2021
Secondary	ICSE Board	94.2%	2019

PROJECTS

- **Bone Cancer Detection using AI** *Jan. 2025*
  Designed a system to detect bone cancer from X-ray images using machine learning. Github
  - **Tools & technologies used**: Python, MATLAB, TensorFlow, OpenCV, scikit-learn, Grad-CAM, LLaMA (Generative AI), Roboflow, Kaggle API, Jupyter Notebook.

- **Rxkeep** *May. 2024*
  Centralized medical databases to address the modern healthcare and patient-centric prescription data management. Github
  - **Tools & technologies used**: Next-js,React,Python,openCV,Mongo db,Graphql,OCR,web scraping.

- **DurgaPedia** *Sept. 2023*
  Website to facilite travel during the Durga Puja days in Kolkata by helping users search and locate nearby pandals. Github
  - **Tools & technologies used**: Next-js,React,Google location api,Mongo db.

- **CampuSpace** *April. 2023*
  Community app designed to connect mentors and entrepreneurs.
  - **Tools & technologies used**: Codeigniter,php,My-sql,Python,Html,css,js

KEY COURSES TAKEN

- Data Structure,Algorithms,DBMS,Machine Learning,Artificial Intelligence,Data Analytics,Data Science,Python,Java,Mongo db,React.js

TECHNICAL SKILLS

- **Programming:** C,Python,JavaScript,SQL
- **Tools & OS:** Git,Jupyter Notebook,Google Colab,Linux,Windows
- **Libraries/Frameworks:** Pandas,Numpy,scikit-learn
- **Web Skills:** HTML/CSS/JS, ReactJS/NextJS

ACHIEVEMENTS

- **KRITANJ-2K23** Achieved victory in Kritanj within the software branch for the development of Campuspace an innovative pl

CERTIFICATIONS

- Mongo db with aggregation framework
- Machine learning with AI