

BIPASHA MONDAL

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ABOUT ME

Motivated and detail-oriented M.Sc. Computer Science student at the University of Calcutta with strong analytical and problem-solving skills. Passionate about software development, data-driven solutions, and continuous learning in emerging technologies.

SKILLS

- **Programming Languages:** C, C++, Java, Python, PHP, Shell Script.
- **Front-End Web Development:** HTML5, CSS3, JavaScript, React.js, Tailwind CSS
- **Back-End Development:** Node.js, Express.
- **Databases:** MongoDB, MySQL, PostgreSQL.
- **Tools:** VS Code, Dev C++, Eclipse, Xampp, Jupyter Notebook.

EDUCATION

• MAKARDAH BAMESUNDARI INSTITUTION(H.S) Higher Secondary (WBCHSE)	PERCENTAGE: 84.8%	Howrah, West Bengal JUL, 2021
• NARASINHA DUTT COLLEGE UNIVERSITY OF CALCUTTA Bachelor Of Science in Computer Science	CGPA: 7.78	Howrah, West Bengal 2021-2024
• UNIVERSITY OF CALCUTTA Master Of Science in Computer Science	SGPA: 7.20	Kolkata, West Bengal 2024-2026

PROJECTS

1. Health Care Clinic – Online Doctor Appointment System

- **Project Overview:** The Online Doctor Appointment System simplifies and streamlines the process of scheduling medical consultations. It enables easy access to patient records, reduces administrative work, and improves overall patient experience, making healthcare delivery more efficient and accessible.
- **Core Technologies:** frontend: HTML, CSS, JavaScript, backend: PHP, database: MySQL

2. Cravory – A Restaurant App

[Link](#)

- **Project Overview:** Designed a scalable, secure RESTful API that manages real-time inventory and order processing. Leveraged React for a dynamic, responsive user interface, ensuring streamlined ordering and secure data flow.
- **Core Technologies:** PERN Stack (PostgreSQL, Express.js, React, Node.js), RESTful API Design.

3. PawFeel – Dog Emotion Detection App

[Link](#)

- **Project Overview:** Deployed a robust TensorFlow/Keras model on Hugging Face Spaces using Docker to accurately classify canine emotions (Happy, Angry, Sad, Neutral). Engineered a Flask-based REST API to manage high-memory inference tasks, ensuring stable performance and seamless frontend integration.
- **Core Technologies:** Python (Flask), TensorFlow/Keras, Docker, React, Node.js.

CERTIFICATIONS

• Certificate of Data Science - Oracle Cloud Infrastructure(OCI).	LINK	31 Oct, 2025
• Certificate of Introduction to Gen AI - Google Cloud.	LINK	2 Nov, 2025

SOFT SKILLS & HOBBIES

- **Soft Skills:** Problem Solving, Adaptability, Time Management, Critical Thinking.
- **Hobbies:** Coding, Web Designing, Drawing, Listening to Music, Watching Movies.