

ROHIT MONDAL

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OBJECTIVE

Computer Science student with hands-on experience in web application development using **React**, **Node.js**, and **MongoDB**. Through contributing to **open-source projects** and building solutions in **hackathons**, I have gained practical experience. I aim to contribute my **development** expertise to impactful projects in a collaborative environment.

EDUCATIONAL QUALIFICATION

B.Tech in Computer Science Engineering; **GPA: 8.40**
NSHM Knowledge Campus, Durgapur

June 2022 - June 2026

SKILLS

Programming Languages: C++, JavaScript, Java

Frameworks: ReactJs, Express.js, TailwindCSS

Front-End: HTML, CSS

Database: NoSQL(MongoDB), Redis(Caching)

Cloud Platforms: AWS(EC2)

Tools: Git, GitHub, Docker

Soft Skills: Teamwork, Communication

PROJECTS

1. MediChain AI - [GitHub](#) ***Technologies:** React, Tailwind CSS, TensorFlow.js, HuggingFace, Node.js, MongoDB, Solidity, Web3.js*

- MediChain AI integrates AI-driven tools and blockchain to address challenges in the healthcare industry.
- Features: AI Doctor (chatbot), Treatment Cost Estimator, AI-based Health Score Feedback, and Virtual Consultations.
- **My Contribution:**
 - Developed the **Symptom Checker** feature using **TensorFlow.js** for client-side AI solutions for analyzing symptoms and predicting diseases.
 - Created a decentralized insurance system using **Solidity**, **Truffle**, and **Web3.js**.

2. GreenRide - [GitHub](#) | [Live](#) ***Technologies:** React, Tailwind CSS, Firebase, Node.js, PostgreSQL, 3rd Party APIs*

- GreenRide helps users find eco-friendly routes by calculating the AQI (Air Quality Index).
- **My Contribution:**
 - Handled backend services and integrated third-party APIs.
 - Implemented features like route search and AQI calculation.

3. UPSC Brain - [GitHub](#) | [Live](#)

***Technologies:** Next.js, MongoDB, OpenAI API, Gemini API*

- Built an AI-powered platform to assist UPSC aspirants in preparing for exams.
- Features: Exam simulation with questions, answer uploads, feedback with scores; study plan generation.
- Developed the study content generator feature to generate content on any topic, and learned to use the Gemini API.

ACHIEVEMENTS

- JWOC (Jalpaiguri Winter of Code) 2025 **Contributor**.
- Four times Hackathon **Finalist**.
- Achieved **Top 50 Teams** — Mettl's StackHack 2.0 **Hackathon**.
- Hackathon Evangelist at **Hack4Bengal**.
- Published a **research paper**: "*Machine Learning Application in Modern Agriculture Science*".

WORK EXPERIENCE

Process Mining Virtual Internship

AICTE - EduSkills

May 2023 - July 2023

- Completed a 10-week internship focused on process mining.
- Gained experience in analyzing and optimizing business processes.