

# ROHIT MONDAL

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## OBJECTIVE

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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

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

June 2022 - June 2026

## WORK EXPERIENCE

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### Open Source Contributor

JGEC Winter of Code (JWOC) 2025 — Remote

Feb 2025 - Mar 2025

- Contributed to a collaborative open-source web development project.
- Worked on frontend features like navigation bar, dropdowns, and mobile responsiveness, and fixed layout and color issues to improve UI consistency.
- Completed 7+ pull requests and handled most of the key frontend tasks via GitHub.

## SKILLS

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**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

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**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

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- 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*".