ROHIT MONDAL

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OBJECTIVE

Computer Science student with hands-on experience in web application development using **React**, **Node.js**, and **MongoDB**. Skilled in creating dynamic and responsive applications, 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
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

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, learned **TensorFlow.js** to build client-side AI solutions for analyzing symptoms and predicting diseases.
  - Created a decentralized insurance system using **Solidity**, **Truffle**, and **Web3.js**.

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.

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** providing questions, collecting uploaded answers, and offering feedback with scores; **study plan generation** for personalized plans.
- Developed the **study content generator** feature to generate content on any topic, and learned to use the **Gemini API**.

ACHIEVEMENTS

- Hackathon Evangelist at **Hack4Bengal**.
- JWOC(Jalpaiguri Winter of Code) 2025 **Contributor**.
- Four times Hackathon **Finalist**.
- Achieved **Top 50** Teams — Mettl's StackHack 2.0 **Hackathon**.
- 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.