RUPANJANA MAJHI

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🔗 Rupanjana Majhi | � Rupanjana Majhi | **LeetCode** rupanjana_m

Education

Narula Institute of Technology	**October 2022 – Present**
Bachelor of Technology in **Computer Science & Engineering** CGPA **8.2** (till 5th semester)	Kolkata, India
Central Modern School (ICS)	**April 2020 – April 2022**
E + 3: **88%**	Kolkata, India
Central Modern School (ISCE)	**April 2008 – April 2020**
E + 4: **85.8%**	Kolkata, India

Technical Skills

Programming Languages: Java, JavaScript, HTML5, CSS, Python, C

Frameworks and Libraries: React, Node.js, Express, Mongoose, JWT, Tailwind CSS

Database Management Systems: MongoDB, MySQL

Tools and Platforms: Git, GitHub, Postman

Technologies: RESTful APIs

Experience

Codsoft | Web Development Intern

Developed responsive web applications and components using front-end and back-end technologies.

Projects

Strategix | Smart Task Management System ⬀
Effortless Task Management for Smarter Teams
- Developed a full-stack **MERN application** with **JWT**-based authentication, enabling secure role-based access and dynamic task **CRUD** operations for team members.
- Implemented project boards, task assignment, and deadlines with real-time updates using **RESTful** architecture and responsive **React** interfaces.
- Utilized Postman for thorough **API testing** and validation, ensuring robust endpoint functionality and reliability under varying user loads.

Tripwise AI | AI-Powered Travel Planner ⬀
Plan Better. Execute Smarter
- Built a responsive travel planner using **React.js**, integrating **Gemini 2.5 Flash** API to generate personalized, day-wise itineraries based on user inputs.
- Implemented **Geoapify API** to display hotel and location maps within the itinerary.
- Designed a form-driven interface to collect trip details and deliver **AI-curated** plans with hotel names, locations, and rates.
- Followed **RESTful** architecture for clean **API** integration and future scalability.

Achievements

1. **Team Leader, Luna Tech Pioneers** - Led the team selected from the institute ideas for **Smart India Hackathon 2024**, evaluated by **TCS Research Scientists.**

2. **IIT Kharagpur (NPTEL)** certified **Introduction to Internet of Things** with **87%**

3. Completed a 30-hour **Full Stack Development** training program by **Euphoria GenX.**

4. **Google** offered a course through **Coursera**, the **Foundation of Cyber Security.**

5. Won in drama competition **(Team: Sparsh)** at the cultural fest **(Sanskriti)** of **Jadavpur University.**