

Debanjan Mukherjee

Portfolio: <https://dev-portfolio-navy-iota.vercel.app/>
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EDUCATION

- **National Institute Of Technology, Rourkela** Odisha, India
Bachelor of Technology - Industrial Design; GPA: 7.84 November 2022 - July 2026

SKILLS SUMMARY

- **Languages:** Go Lang, C/C++, JavaScript, Python
- **Frameworks:** ReactJS, NodeJS, NextJs, Vue.js
- **Tools:** GIT, PostgreSQL, MySQL, MongoDB, GraphQL, Elastic Search, Kubernetes, Docker
- **Platforms:** Linux, Windows, GCP
- **Soft Skills:** Leadership, Event Management, Writing, Public Speaking

EXPERIENCE

- **Ram Lakhan Charity** Remote
Full Stack Developer (Full-time) Aug 2023 - Dec 2023
 - **Rebuilding every components:** Optimized the website architecture by rebuilding and integrating the About, Media, Gallery, and Contact components; increased organic search traffic by 50% and improved overall site performance by reducing page load time by 20%.
 - **Firestore as database:** Video, image, and parsed data from contact forms are handled using Firebase Firestore and Firebase Storage. As a result of this integration, data retrieval speeds increased by 40%. The system's efficiency improved, reducing storage costs by 30%.
- **Intellirecruit** Remote
Full-Stack developer (Part-time) Sep 2023 - Sep 2023
 - **Refactor the UI for the website:** Revamped the login and register pages of the website, resulting in a 20% improvement in user engagement and a 15% reduction in bounce rates.
 - **GraphQL as query language for API:** Implemented GraphQL as the query language for the API, enabling advanced skill-based searches and increasing user satisfaction by 25%.
 - **Cloud SQL as database:** Improved data retrieval from Cloud SQL server, leading to a 30% reduction in query response time and enhancing overall system performance.

PROJECTS

- **NestONDC(React.JS, Firebase, Express.JS):** Our project is an ONDC (Open Network for Digital Commerce) site integrated with OpenStreetMap. Businesses and consumers across Bharat will benefit from seamless digital commerce experiences. Leveraging the OpenStreetMap API for location-based services, our platform not only visualizes shop locations on a dynamic geo map and enhanced the efficiency of site performance of the website by 30%.
- **Project Oregano (Next.Js):** Engineered to develop the website of HackNITR, one of the largest hackathons in India's eastern region, which receives 12.1k monthly visits. Implemented the UI with good responsiveness and contributed to the web assembly of the website.
- **Banking Backend Service(Node.js, Express.js, SQL, Docker):** The project is a loan management system powered by Node.js and Express.js, utilizing MySQL database for data storage. It offers functionalities including customer registration, loan eligibility checking, loan creation, payment processing, and statement viewing. With Docker containerization and Docker Compose for deployment, it ensures scalability and ease of setup.
- **News-Store(Electron, Next.Js, Firebase, Tailwind CSS):** Expertly crafted a feature-rich Desktop News Application, resulting in a dynamic and intuitive interface tailored for both news readers and administrators. Utilized Electron to package the application for cross-platform compatibility, enabling seamless usage on Windows, macOS with a streamlined installation process and optimized performance. Implemented robust authentication and real-time database operations using Firebase, facilitating secure user login and efficient management of news articles and categories.

HONORS AND AWARDS

- **Finalist at HackNITR4.0 - Jan 2023**
Got selected with 23 teams out of 1250 teams around the globe.
- **Finalist at ISM DHANBAD HACKFEST'23 - Apr 2023**
Developed an e-commerce website using smart contract. and selected out of 3000 participants.

VOLUNTEER EXPERIENCE

- **Organizing member of HackOdisha** Rourkela, India
Reach out to 100 sponsors as a member of the sponsorship team. Apr 2023 - Sep 2023
- **Technical Team member of HackNitr 5.0** Rourkela, India
developed the website for HackNITR5.0 and a Discord bot, managing a server with over 1000 users. Aug 2023 - Present
- **Technical Team Member of Google Developers Student Clubs, NITR** Rourkela, India
Conducted offline and online sessions impacting over more than 250 students. July 2023 - Present