Sourav Mohanty

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EDUCATION

Gandhi Institute of Technological Advancement (GITA)   **Aug 2020 - july 2024**

Computer Science And Technology

- Relevant Coursework: - Completed advanced courses in Data Structures And Algorithms , DBMS , OOPS , Computer Networking And Operating System.

N.C Autonomous College   **Mar 2018 - Jul 2020**

Bachelor of Science

- Academic recognition(PCMB)

EXPERIENCE

Indian Space Research Organisation-Ahmedabad   **Oct 2023 - Dec 2023**

Research And Development Intern

- Implemented a successful shift from Arduino to Raspberry Pi and Python on Linux, resulting in a 30 Percentage increase in mission efficiency and expanded satellite functionalities, leveraging advanced data processing and real-time monitoring capabilities.
- Achieved significant cost savings through innovative materials science solutions for satellite component design and development.
- Collaborated effectively with senior scientists and engineers to analyze satellite data, enhancing Earth observation data accuracy by 20 Percentage.

Tech-OctaNet Services Pvt Ltd - Bhubaneswar   **Aug 2023 - Oct 2023**

Front-End Developer Intern

- Enhanced website performance by 15 percent through optimized code in HTML, CSS, and JavaScript projects, including React js framework for state management utilizing hooks.
- Revolutionized accessibility practices, reducing support tickets , and boosting user engagement by 30 percent through strategic enhancements. Demonstrated leadership, team building, project management, and problem-solving skills.

Coding Ninjas - Bhubaneswar   **Nov 2022 - Jan 2023**

Teaching Assistant Intern

- Assisted 60+ students in learning C++ and Data Structures.
- Took doubt sessions and resolved more than 300 doubts with an average rating of 4.1.
- Debugged codes and helped students with their assignments and problems.

ACADEMIC PROJECTS

Dynamic News Website

- Developed a real-time news app using HTML, CSS, and JavaScript. Delivers instant news updates through API integration, ensuring timely information retrieval.
- Enhances engagement with a user-friendly interface and seamless API-driven content fetching.
- Enables a customized news experience, keeping users informed on preferred topics. Enhances connectivity to global events, offering a brief and personalized news consumption approach.

QR Code Generator

- Developed a user-friendly Text to QR Code Generator utilizing HTML, CSS, and JavaScript.
- Facilitated the sharing of information, promotions, and personal messages through simple scans and engagement through convenient approach. .

Study Notion

- Study Notion is a fully functional ed-tech platform that enables users to create, consume, and rate educational content.
- The platform is built using the MERN stack, which includes React JS. .

EXTRA-CURRICULAR ACTIVITIES / LEADERSHIP ROLES

SKILLS / LEADERSHIP ROLES

- Technical Skills: C++, Python , Java, SQL , javaScript And React Js.
- Software Tools: - MS-Office Excel, Power Bi, Git/GitHub, WordPress.
- Communication Interpersonal: - Problem Solving, Communication, Teamwork, Accountability, Time management.
- Volunteer work: State Volunteer service or unique personal achievements (2023).