Mainak Maitra

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EDUCATION

Kalinga Institute of Industrial Technology,Bhubaneswar   **2022 - 2026**
B.Tech - Computer Science and Engineering **CGPA - 8.78**

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Operating Systems
- Network Security
- Database Management System
- OOPS
- Web Development

PROJECTS

Trusto-E-Learning-Page ⧉   **2023**

- Designed a user-friendly interfaces using **HTML** and **CSS** as the main component.
- Designed and implemented a comprehensive frontend for a hospital management website, enhancing user navigation, accessibility and successfully improved patient appointment scheduling efficiency by 40%.
- Implemented a responsive design to ensure compatibility across various devices.

Dice Game ⧉   **2024**

- Enhanced and maintained a web application using **React+Vite** for fast build times and optimized performance.
- Use React state to manage the selected number, dice outcome, and score, with event handlers to update and display the results dynamically.
- Players select a number between 1 and 6 and roll the dice by clicking the dice image.If the selected number matches the dice roll, players earn points equal to the dice number; otherwise, 2 points are deducted.

Find mole game ⧉   **2024**

- Conceptualized and created the **desktop game** layout and functionality using **HTML** for structure,**CSS** for styling, and **JavaScript** for interactivity.
- Engineered an interactive user interface using advanced JavaScript techniques, enhancing event handling and DOM manipulation, resulting in a 40% increase in user engagement across the platform.
- Deployed a real-time score tracking system that increments the score each time the mole is found.
- Progressed an intuitive and user-friendly interface with clear instructions and feedback for the player.

CODING PLATFORMS

- Solved **250+** problems on **Leetcode** . ⧉
- **Pupil** (Contest rating: 1211) on **Codeforces**. ⧉

TECHNICAL SKILLS

Languages: Python, Java, C, C++, JavaScript, SQL
Developer Tools: VS Code, Git, Github
Technologies/Frameworks: Linux, ReactJS, Tailwind CSS

EXPERIENCE

Konnexions Web Society   **2023-Present**

- Collaborated as a key member of a **frontend** technical team specializing in web development.
- Contributed to team meetings, code reviews, and project planning, ensuring high-quality and efficient delivery of web solutions.

CERTIFICATIONS

- Certificate of Completion of Data Structures and Algorithms in C++. ⧉
- Certificate of Completion of **JavaScript** and **ReactJS** from **Google Developer Student Club**. ⧉
- Certificate of Completion of **AWS Academy Graduate - AWS Academy Cloud Architecting** . ⧉