

MAINAK MAITRA

☎ +91 9163879232 ✉ mainakmaitra33@gmail.com [in LinkedIn](#) [GitHub](#) [LeetCode](#) [Codeforces](#)

EDUCATION

Kalinga Institute of Industrial Technology, Bhubaneswar

2022 - 2026

B.Tech - Computer Science and Engineering *CGPA - 8.94*

COURSEWORK / SKILLS

- | | | | |
|--------------------------------|--------------------|--------|-----------------------------------|
| • Data Structures & Algorithms | • C++, Java | • SQL | • Html, CSS, JavaScript, React Js |
| | • Network Security | • OOPS | |

EXPERIENCES

Amazon Web Services Virtual Internship by AICTE (Certificate) October-2024, December-2024

- Gained hands-on experience with core AWS services including **EC2, S3, Lambda, RDS, VPC, and IAM** through immersive training modules.
- Mastered secure cloud architecture principles by configuring **VPCs** and **IAM** roles, mitigating **100%** of simulated security threats during training exercises and exceeding baseline security standards.

PROJECTS

Trustco-E-Learning-Page [↗](#)

2023

- Engineered a responsive user interface (UI) using **React js**, **Tailwind Css** achieving a compatibility rate across diverse web browsers and devices, and enhancing user experience.
- Built and optimized a Learning Management fronted, enhancing user experience .
- Championed mobile-first design strategy, establishing standardized guidelines for responsive layouts and interactive elements; optimized user experience across all devices, mitigating 15 identified compatibility issues.

Dice Game [↗](#)

2024

- Engineered an interactive dice game with React.js, guaranteeing 24/7 availability and seamless user experience; this project was awarded 'Most Innovative Game Design' at the company hackathon.
- Controlled game logic where users select a number, roll the dice, and earn points for correct guesses while incorrect guesses result in a 2-point deduction, enhancing user engagement.
- Optimized performance with **React Hooks** for efficient state updates, ensuring seamless animations and responsive gameplay, leading to a 30% improvement in user retention.

Find mole game [↗](#)

2024

- Conceptualized and built a desktop game using **HTML, CSS, and JavaScript**, enhancing interactivity.
- Introduced an advanced JavaScript event handling and DOM manipulation, increasing user engagement by **40%**.
- Established a real-time score tracking module, reducing feedback latency and improving user experience.

CODING PLATFORM

- Solved **300+** Questions on **Leetcode**.
- **Pupil** on **Codeforces**. (Contest rating: **1211**)

TECHNICAL SKILLS

Languages: Python, Java, C, C++, JavaScript, SQL

Developer Tools: VS Code, Git, Github

Technologies/Frameworks: Linux, ReactJS, Tailwind CSS

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**