

# Dheeraj Kumar Maurya

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## Education

**Indian Institute of Engineering Science and Technology, Shibpur**  
*Bachelor of Technology in Information Technology (CGPA: 8.18 / 10)*

Dec 2021 – May 2025  
Shibpur, West Bengal

## Experience

### Web Prism Dynamics

May 2024 – August 2024

*Software Developer Intern*

*Kolkata, West Bengal*

- Designed and developed **responsive web pages** using **React.js** and **custom CSS**, ensuring a seamless **cross-device user experience**.
- Collaborated with backend teams to architect and integrate **RESTful APIs**, enhancing application **performance, scalability, and reliability**.
- Implemented **modern UI/UX design principles** and interactive animations, delivering an **engaging and intuitive interface**.

## Projects

### Connect Four Game using TCP/IP Networking | C++, TCP/IP Sockets

- Designed and developed a multiplayer **Connect Four game**, supporting simultaneous player pairs over **TCP/IP connections**.
- Implemented **TCP socket programming** to ensure **reliable data transmission** for smooth and synchronized gameplay.
- Created a server to manage **multiple concurrent connections**, enabling seamless handling of multiple game sessions.
- GitHub: <https://github.com/dheeraj404/ConnectFourGame>

### Test Secure | Node.js, React, MongoDB

- Developed a secure **examination paper distribution system** during the **Odoo Hackathon**, ensuring **data integrity and confidentiality**.
- Implemented **role-based authentication** for administrators, examiners, and invigilators.
- Developed a **RESTful API** to connect the secure backend with a dynamic, interactive frontend.
- GitHub: [https://github.com/techlism/odoo\\_hackathon](https://github.com/techlism/odoo_hackathon)

### Khosla Electronics Website (Internship Project) | React.js, Node.js, Custom CSS

- Led **front-end development** for a live **e-commerce platform**, improving user experience for **100+ daily users**.
- Collaborated on **API integration** to enable real-time product updates and dynamic content delivery.
- Maintained the site by incorporating **user feedback**, ensuring **usability, reliability**, and customer satisfaction.
- GitHub: <https://github.com/dheeraj404/khosla-web-app>

## Achievements

- Solved 1400+ problems on LeetCode; Max Rating: 2040, earned Knight badge.**
- Achieved a Codeforces rating of 1370 within 9–10 contests.**
- Placed in the Top 100 teams (out of 1000) in the Odoo Hackathon final round.**
- Solved 1500+ problems across LeetCode, CodeChef and Codeforces.**

## Technical Skills

**Languages:** C, C++, JavaScript, Java

**Technologies:** React.js, Node.js, Express.js, MongoDB, HTML, CSS, SQL, Git, GitHub

**Concepts:** OS Fundamentals, Data Structures and Algorithms, Object-Oriented Programming (OOP), RESTful APIs, Networking Basics, Software Design Principles (Basics)