Tapas Jyoti Mohanta

Bhubaneswar, Odisha

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Work Experience

Cognismart Krutrim Technologies   **May 2024 – Oct 2024**
Web Development Intern   *Bhubaneswar, India*
- **Developed** a custom **HTML**, **CSS**, and **JavaScript** website from scratch, replacing the existing **company's WordPress site**. This **technical overhaul** led to a **50% improvement in user experience**. Additionally, contributed to other company projects involving web development.
- **Technology used**: HTML, CSS, JavaScript, React JS

Bluestock Fintech   **Aug 2024 – Sep 2024**
Software Development Intern   *Pune, India*
- **Collaborated** with a team to build the **front end** of the company's **IPO page** using **React**, resulting in a 40% improvement in page responsiveness and user engagement.
- **Technology used**: HTML, CSS, JavaScript, React JS

Technical Skills

Languages: Java, JavaScript, HTML/CSS, SQL, Solidity
Technologies/Frameworks/Libraries: Node.js, React JS, Redux, Express.js, Bootstrap, MongoDB, Blockchain, Tailwind CSS.
Other: Data structures, Algorithms

Education

Raajdhani Engineering College, Bhubaneswar   **2022 - 2026**
Bachelor of Technology (B. Tech) in Computer Science and Engineering   *(expected)*

Odisha Adarsha Vidyalaya, Tikira   **2020 - 2022**
Class XII - CBSE

Odisha Adarsha Vidyalaya, Saharpada   **2019 - 2020**
Class X - CBSE

Projects

Camping Website | *HTML, CSS, JavaScript, Node.js, Express.js, MongoDB* | GitHub | LiveLink
- **Developed** an interactive **camping and booking website** using **Node.js**, **MongoDB**, and **Express** for the **back end**, and **EJS** and **CSS** for the **front end**, providing users with a **seamless platform** to discover, book, and review listings from different locations.
- **Implemented** an **MVC framework**, along with **user authentication** and **authorization** features, enabling authorized users to **add listings**, **edit details**, **upload images**, **post reviews**, and **manage bookings** efficiently.

Sorting Visualiser | *HTML, CSS, JavaScript* | GitHub | LiveLink
- **Developed** a web-based **sorting visualizer** that allows users to observe how different **sorting algorithms** work in real-time.
- **Implemented** a variety of sorting algorithms, including **Bubble Sort**, **Selection Sort**, **Insertion Sort**, **Merge Sort**, **Quick Sort**, and **Heap Sort**.
- Utilized **JavaScript**, **HTML**, and **CSS** to create a **user-friendly** and **interactive interface**.

Food Villa | *HTML, Tailwind CSS, React JS, React Redux, JavaScript* | GitHub | LiveLink
- Developed a dynamic food delivery app using **Swiggy APIs** with **React** to fetch real-time restaurant and menu data, incorporating **Redux** for state management, **Tailwind CSS** for styling, and **React Router DOM** for seamless navigation. Optimized build performance using **Parcel** and **Babel**.
- **Enhanced** the user interface by implementing **shimmer effects**, **config-driven UI**, **code splitting**, **lazy loading**, and **custom hooks** for improved performance and user experience.

Achievements

- Solved problems consistently for **300+** days in 2024 on **LeetCode**, earning the **Annual Consistency Badge**.
- Solved **500+** Data Structures and Algorithms problems across platforms like **LeetCode**, **GeeksforGeeks**, and **Coding Ninjas**.
- Achieved a **global rank of 13,337** in **LeetCode Weekly Contest 374**.

Profile Links

LeetCode, GitHub, CodingNinjas, GFG, CodeChef