

Debdeep Bose

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EDUCATION

Calcutta Institute Of Technology

Bachelor of Technology in Computer Science And Engineering (7.99 CGPA)

Uluberia, West Bengal

Aug 2022 – Present

Delhi Public School

Higher Secondary

Siliguri, West Bengal

April 2020 – April 2022

PROJECTS

Waste Management System | [HTML5](#), [CSS3](#), [JS](#), [Leaflet.js](#), [AOS](#), [Glide.js](#), [Swiper.js](#), [EmailJS](#) | [Link](#)

- **Engineered** a 5-page waste management platform with **11+ interactive modules**, enhancing user engagement.
- **Leveraged Leaflet.js** and **Geolocation API** to deliver real-time maps of collection centers, improving accuracy.
- **Implemented** a visual **Waste Tracker** with **dynamic charts**, increasing user engagement by **30%**.
- **Developed** offline-ready forms with **LocalStorage** and integrated **EmailJS**, achieving **40% faster submissions** without backend dependency.
- **Enhanced UI responsiveness** with **AOS**, **Swiper.js**, and **Tilt.js**, reducing bounce rate by **20% across devices**.

ShadeSeek – Real Estate Platform | [React.js](#), [Vite](#), [Tailwind](#), [Firebase](#), [GSAP](#), [Swiper.js](#) | [Live Link](#)

- **Developed** a responsive **real estate platform** enabling users to **buy, rent, and sell properties** including apartments, hotels, hostels, and commercial spaces.
- **Integrated Firebase Authentication** to implement secure **user login and registration**, improving access control and reliability.
- **Built** modular sections with interactive service listings and detailed property view options.
- **Implemented GSAP and SmoothScroll** for fluid page transitions, enhancing overall **user experience and engagement**.
- **Utilized Swiper.js** to design responsive **sliders and carousels**, boosting visual appeal and simplifying property exploration across devices.

Personal Portfolio | [React.js](#), [Tailwind CSS](#), [GSAP](#), [EmailJS](#) | [Link](#)

- **Designed and developed** a modern **React-based portfolio website** with **component-driven architecture**, enhancing maintainability and scalability.
- **Implemented smooth GSAP-powered animations** and optimized scroll-based navigation, reducing perceived scroll times by **20%** and improving user engagement.
- **Integrated EmailJS** for real-time **contact form message delivery without backend**, achieving **complete uptime** and improving user interaction efficiency.

ACHIEVEMENTS

Solved 1000+ Data Structures & Algorithms (DSA) problems across coding platforms enhancing Problem Solving Skills

- LeetCode
- GeeksforGeeks

TECHNICAL SKILLS

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

Markup Languages: HTML5, CSS3, SCSS

Libraries/Frameworks: React.js, Swiper.js, Tilt.js, Glide.js, Lenis.js, GSAP

Databases: MySQL, Firebase (Firestore/Realtime DB)

Tools: Git, Visual Studio Code, Cursor, Github

IDE: IntelliJ, Webstorm, CLion

Core CS Concepts: Object-Oriented Programming (OOPS), Operating Systems, Computer Networks

Soft Skills: Strong communication, adaptability, teamwork, and continuous learning mindset