KRISHANU SANTRA

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EDUCATION

Kalyani Government Engineering College   **2022 – 2025**
*Bachelor of Technology - Computer Science and Engineering - **CGPA** - 7.5*   *Nadia, West Bengal*

Raja Ranjit Kishore Government Polytechnic   **2020 – 2022**
*Diploma - Computer Science and Technology - **CGPA** - 8.5*   *Jhargram, West Bengal*

Shyampur High School   **2018 – 2020**
*Higher Secondary (HS) - **Percentage** - 97 %*   *Howrah, West Bengal*

PROJECTS

Doctor Appointment System | *Full Stack Medicare Appointment Booking web application*   ⦿ **Source Code**
- Built an appointment booking system using the **MERN Stack** (MongoDB, Express.js, React.js, Node.js).
- Implemented secure patient registration, login, and role-based access for patients, doctors, and admins.
- Built **CRUD** functionalities for managing appointments, profiles, and patient data.

Krish Shoppy | ☑ Live Project | *E-commerce Site*   ⦿ **Source Code**
- Developed an e-commerce website using **HTML, CSS, and JavaScript** implementing user-friendly design and dynamic functionality for seamless shopping experiences.
- Optimized site performance and responsiveness, ensuring compatibility across devices and improving user engagement.

ATM System | ☑ Project Report | *Banking Platform in C++*   ⦿ **Source Code**
- Applied **Object-Oriented Programming** principles in **C++,** including encapsulation, access modifiers, and modular design, to develop a secure and efficient bank account system.
- Employed queue, binary search, and sorting algorithms in **Data Structures and Algorithms** to efficiently manage transactions, validate options, and optimize banking operations for enhanced performance.

Myself Portfolio | ☑ Live Project | *Portfolio Web*   ⦿ **Source Code**
- Developed a responsive and mobile-friendly site using **JavaScript, CSS, ReactJS, NodeJS, and ExpressJS**, ensuring optimal viewing across devices and enhancing user interaction with smooth animations.
- Set up an email verification system, auto messaging service, and **API** connection for messages.

EXPERIENCE

Euphoria Genx   **25 Jun 2023 - 25 Oct 2023**
Role: MERN Stack Development   *Kolkata, West Bengal*
- Completed industrial training at **Euphoria Genx,** specializing in MERN stack development.
- Acquired hands-on experience in building full-stack web applications and enhanced proficiency in JavaScript and modern development tools.

TECHNICAL SKILLS

Languages: C++, Core JAVA, Javascript, HTML/CSS
Databases : SQL, MongoDB
Frameworks: ReactJs, NodeJs, ExpressJs
Developer Tools: VS Code, Git, GitHub

COURSE WORK

- Data Structures and Algorithms
- Software Development
- Database Management System
- Object-Oriented Programming System

Responsibilities and Achievements

- **Algorithmic Problem Solving:** Solved over 350 problems on GeeksforGeeks and LeetCode, improving expertise in algorithms and data structures.
- **Art Club Membership:** Active member of *CHITRANK*, the Art Club of KGEC, from 2022 to 2023.