



# Rajesh Kumar Pal

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<https://github.com/rajeshpal81457-sys>

## EDUCATION

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**Netaji Subhash Engineering College, Kolkata**  
Bachelor of Technology in Computer Science and Engineering

Sep 2022 – Jun 2026

**Khalseuli High School, West Bengal**  
Higher Secondary Education

2022

## SKILLS

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- **Languages:** C, C++
- **Problem Solving:** Data Structures and Algorithms in C++
- **Development:** Frontend Web Development
- **Tech Stack:** HTML, CSS, JavaScript, React.js, AI using Large Language Models (LLMs)

## PROJECTS

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- **Smart Whiteboard (HTML, CSS, JS)**  
Developed an interactive Smart Whiteboard web application that allows users to draw, write, and erase freely on a digital canvas. The project demonstrates the use of core web technologies without relying on any external libraries or APIs.
- Implemented real-time drawing functionality using the HTML5 `<canvas>` element and JavaScript event handling.
- Added features like color selection, eraser tool, and clear board option for a smooth user experience.
- Designed a clean, responsive user interface using CSS for better accessibility across devices.
- Showcased strong understanding of DOM manipulation, event listeners, and Canvas API fundamentals.
- **Portfolio Website (React.js)**  
Developed a responsive and visually appealing personal portfolio to showcase projects and technical skills, utilizing React components, state management, and reusable UI for better user engagement and seamless navigation.
- **AI Chatbot (HTML, CSS, JavaScript, LLM API)**  
Developed an interactive AI-powered Chatbot web application that simulates human-like conversation using the concept of Large Language Models (LLMs).