

Ayan Chakraborty

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Results-driven Full-Stack Web Developer with expertise in the MERN stack and AI-powered solutions, specializing in designing and developing scalable LMS, e-commerce platforms, and intelligent chatbots. Adept at both frontend and backend development, with a keen focus on UI/UX design, database management, and robust security implementation. Experienced in integrating AI-driven features to enhance user interaction and automate processes. Proven ability to deliver high-quality, user-centric applications, optimize system architecture, and enhance performance through innovative solutions.

Experience

2023 – PRESENT

Full-Stack Developer | Freelance

- Developed **Bookaholic**, an online library management system, and **E-TECH**, a tech e-commerce platform, both featuring user authentication, database management, and responsive UI/UX design.
- Designed and deployed a **Security Services Website** with engaging UI, a testimonials section, and an admin dashboard for service management.
- Implemented **JWT-based authentication**, **role-based access control**, and **secure payment gateways** for various projects.
- Integrated **AI-powered automation** to enhance chatbot responses and improve user engagement.
- Created a **Medical AI Chatbot**, an AI-powered chatbot for assisting users with basic medical inquiries and health-related guidance.

Skills

HTML 5 | CSS 3 | REACT JS | TAILWIND CSS | JAVASCRIPT | NODE JS | EXPRESS JS | MONGO DB | SQL | UI/UX | FIGMA | WEBFLOW | GIT | REST API | 3D MODELLING | Web Security .

Education

AUGUST 2025

Bachelor of Science in Computer Science | West Bengal State University

8.93 SGPA

Projects

- **Bookaholic** is an online library management system designed to modernize book lending and cataloging. Built with the MERN stack, it offers features like a search-enabled book catalog, secure user authentication, and an intuitive

admin panel for seamless book management. It enhances user engagement by allowing users to track book availability and borrow history.

- **Crescendo Web Design** is a modern, responsive website developed for a creative agency to showcase their portfolio and services. It features interactive UI elements, a sleek design, and a seamless user experience. Built with React and Tailwind CSS, it enhances digital engagement by providing an aesthetically pleasing and professional platform for potential clients.
- **Medical AI Chatbot** is an AI-driven chatbot designed to assist users with general medical inquiries. It leverages OpenAI's API for intelligent responses, enabling users to get instant healthcare guidance. The chatbot is designed with an intuitive UI, providing accurate and relevant information while improving accessibility to medical advice.

Activities

Wing President, Coding Wing – The Educational Club Crescendo

Led and organized coding workshops, hackathons, and mentorship programs for students. Developed structured learning paths to enhance students' technical skills in web development . Collaborated with club members to create and execute technical projects, fostering innovation and teamwork.