

AYAN CHAKRABORTY

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SUMMARY

Dedicated and results-oriented Full-Stack Developer with a particular emphasis on AI integration and the MERN stack. Knowledgeable about developing scalable apps, such as intelligent chatbots, e-commerce platforms, and library management systems. Skilled in both frontend and backend development with expertise in user authentications, API integration, modern UI/UX design, and complex business logics. Currently interested and deep diving into AI/ML with Python.

EXPERIENCE

Freelance Full-Stack Developer

Remote | 2024 – Present

- **Bookaholic:** An online MERN-based library system with authentications , book browsing and admin panels.
 - **E-Tech:** A complete tech e-commerce platform with secure payments, JWT auth, and role-based dashboards.
 - Deployed **Security Services Website** with client-centric design and modern UX experience .
 - **Medical AI Chatbot** that extracts symptoms and predicts possible diseases using reasoning LLMs on the basis of user prompts.
 - Led frontend and backend architecture for multiple projects, ensuring responsiveness, performance, security , modern UI/UX and smooth animations .
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SKILLS

Languages/Frameworks: Python, Numpy , HTML5, CSS3, JavaScript, React.js, Node.js, Express.js

Databases: MongoDB, SQL

Tools & Platforms: Git, REST APIs, JWT, Web Security, Figma, Webflow, Postman

Other: UI/UX Design, Tailwind CSS, 3D Modeling (Spline), GSAP.

EDUCATION

B.Sc. in Computer Science

West Bengal State University – Aug 2025

Current SGPA: 8.93

PROJECTS

MEDIMATE – AI-Powered Medical Chatbot

AI-powered medical chatbot that extracts symptoms from user input and predicts diseases using LLMs. Includes natural language input, voice support, and an intuitive interface.

Bookaholic – MERN Stack Library Management

Online library system that simplifies book browsing, user authentications . Designed to modernize library management for users and admins alike.

Crescendo Web Design

Web design created for my college's educational club. Designed in Figma with a modern, student-centric layout reflecting the identity of the Crescendo coding wing.

Suraksha Security Service – Web solution

Frontend website for a security services client. Built with a clean layout and responsive design using React and Tailwind.

LEADERSHIP & ACTIVITIES

Wing President – Coding Wing, The Educational Club Crescendo

- Collaborated with club members to create and execute technical projects.
- Mentored students in web development and project building.
- Organized technical events and structured learning paths for peers.