

ANURUDHA SARKAR

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|| [Portfolio](#) || [Instagram](#) || [Linkedin](#) || [Github](#) ||

SUMMARY

“Detail oriented full-stack developer leveraging the MERN stack, proficient in multiple programming languages including JavaScript, Java, and Object-Oriented Programming concepts. Furthermore, skilled in data analysis and database management with MySQL and MongoDB.”

PROJECTS

BookShelf | Full-Stack E-Commerce Book Store Web Application |

—Feb 2025

Key Features:

- Dynamic Catalog; Real-time filtering, faceted search & pagination
- Cart & Checkout; Persistent cart with Stripe and RazorPay-powered payments
- Auth & Roles; JWT-based login, password hashing with Password Reset via Email
- Admin Dashboard; Product CRUD, order tracking & sales overview
- Responsive & Performant; Mobile-first Approach
- Secure; RESTful endpoints with validation

Technical Skills Demonstrated:

- Backend (MVC): Node.js, Express.js, MongoDB, REST API design, JWT authentication, middleware development
- Frontend: React.js, Redux for global state, React Router, responsive layouts with CSS Grid & Flexbox
- Payments: Razorpay & Stripe integration, client/server payment flow, secure transaction handling
- DevOps & Tooling: Git/GitHub workflows, environment configuration, build optimization (code splitting)
- Security & Performance: Data sanitization, CORS setup, rate-limiting middleware, server-side pagination

Personalized Portfolio Website | [link](#)

—June 2025

Mobile-responsive personal and interactive portfolio site designed for easy access by clients and recruiters.

Featured Projects:

- ExpenX | Your Expense Tracking Partner | MERN Stack
- BookShelf | Turning Pages into Next Possibility | MERN
- Kanban-Board Application | MERN, Vue.js
- Multi-Disease Predictive Analytics Platform | Streamlit, Python
- Hand Gesture-Based Volume Control | Python
- Bank Management System | Spring Boot
- Sales Analysis Dashboard Development | POWERBI

Technologies Used: React and advanced UI/UX designs

SKILLS

- **Languages:** JavaScript, TypeScript, Html, CSS, Java,
- **Frameworks & Platforms:**
 - Frontend: React.js, Redux, Vue.js
 - Backend: Node.js, Express.js, Spring Boot
 - Architectural Patterns: MVC (Model-View-Controller)
 - BI & Cloud: Power BI, AWS, Render, Firebase
 - IDEs & Tools: VS Code, IntelliJ IDEA, Google Collab, Git/GitHub
 - Databases: MySQL, MongoDB
- **Soft Skills:** Effective communication, team collaboration & problem-solving

CERTIFICATIONS

- [Coursera HTML5](#), Coursera, University of Michigan — November 2022
- [Programming for Everybody \(Getting Started with Python\)](#), Coursera, University of Michigan — June 2022
- [Introduction to Back-End Development](#), Coursera, University of Michigan — May 2023

EDUCATION

- **MAKAUT University** [2021-25]
Bachelor of Technology in Computer Science
Aggregate CGPA: 8.05 / 10
- **The St. Xavier's School**
ICSE (10th) – 75.2 % of 2019
ISC (12th) – 91 % of 2021

EXTRA CURRICULAR

- Awarded [Certification of Merit](#) by Techno India Group for the Toppers of Malda in the Board Results of 2021.
- Participated in Smart India Hackathon in 2024 where I led a team and presented our innovative solutions to the organizer.