ANURUDHA SARKAR

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SUMMARY

" Full Stack Engineer leveraging the MERN stack, proficient in multiple programming languages including JavaScript, Java, and software development concepts. Furthermore, skilled in data analysis and database management with MySQL and MongoDB. "

PROJECTS

BookShelf | Full-Stack Book Store E-Commerce Application | link   —July 2025

Key Features:
- Dynamic Catalog; faceted search & pagination
- Cart & Checkout; Paypal-powered payments
- Auth & Roles; JWT-based login/signup
- Admin Dashboard; Product, User, Orders; CRUD
- 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
- Frontend: React.js, Redux
- Payments: Paypal integration, client/server payment flow
- DevOps & Tooling: Git/GitHub workflows, environment configuration
- Security & Performance: CORS setup, server-side pagination

Personalized Portfolio Website | link   —Feb 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 | Your Personal Productivity Hub | MERN, Vue.js
- Multi-Disease Predictive Analytics Platform | Streamlit, Python
- Hand Gesture-Based Volume Control | Python
- Quantum Bank | Bank Management System | Spring Boot

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 / 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.