ANURUDHA   SARKAR | · Full-Stack Developer (Next.js · Node.js)

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SUMMARY

Full-Stack Engineer with hands-on experience building and deploying production web apps using Next.js/React frontend and Node backend. Built 10+ end-to-end projects (e-commerce, finance management, Kanban, and many more) featuring JWT authentication, payment integration, role-based access, and responsive UI. Strong practical knowledge of REST APIs, MongoDB/MySQL, and cloud deployment. Ready to join immediately and contribute to development teams.

PROJECTS & EXPERIENCE

BookShelf — Full-Stack Book Store E-Commerce Application   live   — May 2025

- Developed a full-stack e-commerce platform using React (frontend) and Node.js + Express + MongoDB (backend) + RESTful APIs following MVC architecture.

- Implemented JWT authentication and role-based admin dashboard for user/product/order management – (CRUD), additionally PayPal integration with proper client/server payment flow and order verification.

- Built faceted search and server-side pagination for faster product discovery; deployed frontend and backend on Render.
Tech: React · Node.js · Express · MongoDB · JWT · PayPal ·Bootstrap · Render

ExpenX — Full Stack Expense Management App   live   — June 2025

- Built a mobile-responsive full-stack finance management application (React + Node + MongoDB) with JWT auth and full CRUD for income/expense entries.

- Implemented interactive analytics (Bar, Pie, Line) using Recharts, recent-transaction previews, update alerts, and Excel export (SheetJS).

- Documented and deployed the app with environment configs for easy evaluation and testing.
Tech: React · Node.js · Express · MongoDB · JWT · Recharts · SheetJS · Tailwind · Render

Kanban — Full Stack Dynamic Task Management Board   live   — Jul 2025

- Implemented a full-stack Kanban board using React + Redux (frontend) and Node.js + Express + MongoDB (backend) with drag-and-drop task/section management.

- Added JWT authentication, favorite section, inline editing and rich task descriptions; ensured smooth operations and responsive UI.

- Deployed client and server (Render); optimized API endpoints for low latency during drag/drop actions.
Tech: React · Redux · Node.js · Express · MongoDB · Material-UI · JWT · Render

#Note: Projects are hosted on **Render free tier**, which **may take up to 50 seconds to load initially** due to server cold start.

SKILLS
- **Languages: JavaScript/TypeScript, Java**
- **Frameworks & Platforms:**
  - Frontend: Next.js, React.js, Redux, Tailwind CSS
  - Backend: Node.js, Express.js, REST API
  - Architectural Patterns: Microservices / Monolithic MVC
  - Cloud & Deployment: Render, Vercel, Docker
  - IDEs & Tools: VS Code, Postman, Google Collab, Git/GitHub
  - Databases & Caching: MongoDB, Redis
- **Soft Skills: Effective communication & team collaboration & problem-solving**

EDUCATION

- MAKAUT University
Bachelor of Technology in Computer Science — June 2025
Aggregate CGPA: 8 / 10

- The St. Xavier's School
Bachelor of Technology in Computer Science ICSE (10th) – 75.2 % of 2019
Aggregate CGPA: 8 / 10 ISC (12th) – 91 % of 2021