

Paresh Kumar Barick

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EDUCATION

- **Techno International Newtown** Kolkata, India
Bachelor of Technology - Information Technology; *July 2022 - present*
Courses: Operating Systems, Data Structures, Artificial Intelligence, Networking, Databases
- **South Calcutta Polytechnic** Kolkata, India
Diploma in - Computer Science and Technology; *July 2019 - 2022*
Courses: Operating Systems, Data Structures, Networking, Databases

SKILLS SUMMARY

- **Languages:** JavaScript, SQL, Bash, TypeScript, Java, C
- **Frameworks:** ReactJs, NextJs, NodeJs
- **Tools:** Docker, GIT, PostgreSQL, MySQL
- **Platforms:** Linux, Web, Windows,

PROJECTS

- **Blog App (Full-stack Web App, Blogging Platform):** Developed a full-stack blog platform with user authentication, dynamic content rendering, and admin features like post moderation and content management. Implemented Firebase storage and custom rich-text editing. Tech: Next.js, MongoDB, Firebase, Clerk, Tailwind CSS, Flowbite, React Quill Live: next-blog-app-lime-nine.vercel.app — Code: [GitHub Repo](#)
- **BOOK STORE APP (Full-stack MERN, eCommerce):** Built a full-featured bookstore web app with authentication, role-based access (user/admin), cart functionality, and order checkout system. Admins can manage books and users through a dashboard. Tech: MongoDB, Express.js, React.js, Node.js, JWT, Firebase, RESTful APIs Code: [GitHub Repo](#)
- **Chat Application (Full-stack, Real-time Messaging):** A real-time chat application with support for user login, themed UI, profile management, and responsive design. Used Socket.IO for real-time communication and Zustand for state management. Tech: Node.js, Express.js, MongoDB, React, Zustand, Tailwind CSS, DaisyUI, Socket.IO Live: chat-app-h3qd.onrender.com — Code: [GitHub Repo](#) (April '24)
- **Mind Vault - Second Brain Web App (Full-stack, Productivity):** (Work in progress) A modern web application for organizing and managing digital content, thoughts, and ideas. Supports saving articles, tweets, and YouTube videos with categorization and sharing options. Features a clean UI, responsive layout, dark mode, secure login, and real-time content updates. Tech: React 18 (TypeScript), Vite, TailwindCSS, Recoil, React Router v7, Framer Motion, Express, MongoDB (Mongoose), JWT, Zod, Lucide Live: mind-vault-beta.vercel.app — Code: [GitHub Repo](#)
- **Subscription Tracker API (Backend, RESTful API):** Developed a backend API for managing user subscriptions with authentication and data validation. Integrated JWT for secure access, structured MongoDB schemas with Mongoose, and built modular route handling and reusable middleware. Tech: Node.js, Express.js, MongoDB, Mongoose, JWT, RESTful APIs Code: [GitHub Repo](#) (Feb '25)

PASSION

- **Football:** An avid football enthusiast who enjoys both playing and following international and National leagues.
- **Reading:** Passionate about reading, especially novels.
- **Music Listening:** An enthusiast of various music genres, often using music to relax or focus during work.