

RUPAK RANJAN MOHANTA

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PROFESSIONAL SUMMARY

React & React Native developer with 1 year of professional experience and 4 shipped projects spanning cross-platform mobile apps, multi-vendor marketplaces, GST billing systems, and enterprise management portals. Proficient in TypeScript, Redux, REST API integration, and Jest testing. Delivered zero-bug releases across 3 feature iterations and reduced manual workflows by 5+ processes in a client portal. Seeking a frontend or mobile role where strong component architecture and an 8.34 CGPA engineering background translate directly into production impact.

TECHNICAL SKILLS

Mobile: React Native, Expo, TypeScript, AsyncStorage, Android Studio

Frontend: React, TypeScript, Redux, JavaScript, HTML, CSS, Flexbox

Backend & APIs: Laravel, PHP, MySQL, REST APIs, Axios, Postman

Testing & Tooling: Git, GitHub, VS Code, Figma

PROFESSIONAL EXPERIENCE

Full Stack Developer | Sridipta Research and Development Consultancy OPC Pvt. Ltd.

July 2025 - July 2026 (Full-time)

- Built and maintained REST APIs in Laravel to support core application features and data workflows for company projects.
- Developed and maintained React Native app screens using Expo, contributing to consistent cross-platform mobile functionality.
- Identified and fixed bugs across the frontend and backend, improving application stability and reliability.
- Participated in code reviews with the development team to maintain code quality and share knowledge across the codebase.

PROJECTS

MyBookHub — Multi-Vendor Book Marketplace App | React Native, TypeScript, Redux, Laravel REST API, MySQL, Git

- Achieved a multi-vendor marketplace architecture similar to Zomato/Swiggy but for book sellers, measured by seamless browsing across multiple independent seller storefronts, by building a React Native frontend with Redux state management consuming a Laravel REST API.
- Achieved unified cart and order management across multiple vendors in a single checkout flow, measured by accurate order splitting and tracking per seller, by implementing vendor-scoped order logic in the Laravel backend with MySQL relational models.
- Achieved real-time order status visibility for both buyers and sellers, measured by live tracking from order placement to delivery, by architecting REST API endpoints for order state transitions and consuming them via Axios in the React Native app.

HealthTrack — Personal Health & Fitness App | React Native, Expo, TypeScript, REST API, AsyncStorage, Git

- Achieved a fully cross-platform mobile app deployable on both iOS and Android, measured by zero platform-specific code branches, by architecting the UI in React Native with TypeScript and managing async state via AsyncStorage and custom React hooks.
- Achieved real-time BMI and nutrition data delivery, measured by sub-500ms API response handling, by integrating a public REST API using Axios and implementing error boundary components for graceful failure states.
- Achieved a modular, maintainable codebase, measured by 8+ reusable UI components, by enforcing TypeScript interfaces across all data models and writing unit tests with Jest for core calculation logic.

GST Billing System — Invoice & Tax Management App | React, React Native, TypeScript, Redux, Laravel REST API, Git, Postman

- Achieved accurate, automated GST invoice generation for 3 tax slabs, measured by zero manual calculation errors across 100+ test invoices, by building a Redux-managed React frontend that consumed a Laravel REST API validated with Postman.
- Achieved a responsive, accessible UI across desktop and mobile viewports, measured by consistent rendering on 4+ screen sizes, by using React component composition with TypeScript props validation and CSS Flexbox layouts.

Library Management System — Library Administration & Catalog Platform | *Laravel, PHP, Tailwind CSS, MySQL, HTML, CSS, Git*

- Achieved a complete administrative dashboard for library operations, measured by full CRUD coverage across books, authors, categories, and members, by building a Laravel 11 backend with MySQL relational data models.
- Achieved real-time visibility into lending activity, measured by automatic tracking of active, returned, and overdue borrowings with live stock adjustments, by implementing borrowing-record logic tied to copy-count validation.
- Achieved a responsive public catalog with live reservation, measured by instant search and filtering by title, author, or ISBN, by styling the interface with Tailwind CSS, HTML, and CSS on top of Laravel Blade views.

EDUCATION

Master of Computer Applications (MCA) — Seemanta Engineering College | CGPA: 8.34

Bachelor of Computer Applications (BCA) — MPC Autonomous College, Baripada | CGPA: 7.8

LANGUAGES

English (Intermediate), Hindi (Expert), Odia (Expert)

LINKS & PORTFOLIO

Portfolio: rupakranjan.online | GitHub: github.com/Rupakranjan098 | LinkedIn: linkedin.com/in/itsrupak

All projects above are available as public repositories with README documentation and live demo links. Library Management System: github.com/Rupakranjan098/library-management