

RUPAK RANJAN MOHANTA

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Professional Summary

React & React Native developer with 3 shipped projects spanning cross-platform mobile apps, 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

Projects

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.

Harlan Portal — Construction Company Management System / *React, TypeScript, Redux, Laravel REST API, Git, GitHub, Figma*

- Achieved a unified project and operations dashboard for a construction firm, measured by consolidating 5+ manual workflows into a single portal, by building a React + TypeScript frontend with Redux state management consuming a RESTful Laravel backend.

- Achieved pixel-accurate UI implementation, measured by zero design-to-dev discrepancies on delivery, by translating Figma wireframes into reusable React components with TypeScript interfaces, tracked end-to-end via Git and GitHub pull requests.

- Achieved stable, regression-free releases across 3 feature iterations, measured by no critical bugs post-deployment, by writing Jest unit tests for business logic modules and conducting API testing via Postman before each integration.

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