

Ritu Raj Ray

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SUMMARY

MERN Developer with 1.5+ years of experience in building scalable web applications and responsive user interfaces. Skilled in React.js, Next.js, Node.js, Express, and MongoDB. Experienced in developing LMS and real-time systems, API integration, and performance optimization. Delivered certified web development training for Shiromani Gurdwara Parbandhak Committee.

EXPERIENCE

- **Software Developer – Trailblazer Visionaries (TBV)**
Mar 2024 – Present

Chandigarh Sector 17

Investor Portal (Team Project)

Frontend Developer | Next.js | FastAPI | PostgreSQL

- Developed and maintained the frontend of the Investor Portal using Next.js, focusing on performance and scalability.
- Built responsive UI components and optimized user experience across devices.
- Integrated frontend with backend APIs (FastAPI) for real-time data rendering and smooth communication.
- Implemented state management and API handling for dynamic data updates.
- Collaborated with backend and team members to ensure seamless feature integration.
- Improved UI performance and ensured clean, modular component structure.

RMS – Restaurant Management System

Full Stack Developer | MERN Stack (React, Node.js, Express, MongoDB), Socket.io

- Developed a full-stack restaurant management system enabling **real-time communication** between kitchen staff, waiters, and customers using Socket.io.
- Built a **QR-based ordering system** allowing users to place orders directly from their devices, improving operational efficiency.
- Designed and implemented **RESTful APIs** using Node.js and Express for order processing, inventory, and billing.
- Developed dynamic and responsive frontend using React, ensuring smooth user experience across devices.
- Implemented **inventory management system** to track stock and automate updates.
- Built **billing and order management modules** for streamlined restaurant operations.
- Managed MongoDB database design for efficient data storage and retrieval.
- Ensured clean architecture, modular code structure, and real-time data synchronization.

- **Web Developer Intern – Strategic Solution**

Zirakpur, Punjab

Jan 2024 – Mar 2025

- Delivered multiple client projects using React.js and WordPress, focusing on performance, scalability, and UX.
- Built and customized WordPress solutions including themes, plugins, and WooCommerce integrations.
- Developed dynamic frontend components and optimized rendering for better performance.
- Implemented SEO best practices to improve search rankings and user engagement.
- Integrated booking systems and ensured seamless end-to-end user flow.
- Worked in a collaborative environment, handling real-world client requirements and iterative improvements.

PROJECTS

ShikschAI LMS (Learning Management System)

Frontend Developer | React.js, Redux Toolkit, Django REST API, Chart.js

- Developed and maintained the **teacher dashboard** for managing assignments, and student activities.
- Built dynamic and responsive UI using React.js with **state management via Redux Toolkit**.
- Integrated frontend with **Django REST APIs** for seamless data communication and real-time updates.
- Implemented **JWT-based authentication flow** for secure user login and session handling.
- Designed **data visualization dashboards using Chart.js** to display student performance and analytics.
- Developed a **multilingual and mobile-responsive interface**, improving accessibility across devices.
- Collaborated with backend and team members to ensure smooth API integration and feature delivery.

Price Comparison Website (E-commerce Platform)

Frontend Developer | HTML, CSS, JavaScript, Node.js, Express

- Developed the frontend interface for a price comparison platform displaying products from multiple e-commerce sources.
- Built a dynamic search system to fetch and display product data with images and pricing details.
- Designed a responsive UI ensuring seamless user experience across devices.
- Integrated frontend with backend APIs for real-time product data retrieval.
- Structured clean and reusable UI components for better maintainability.
- Collaborated with backend team to align API responses and data render

SKILLS

- **Programming Languages:** JavaScript
- **Technical Skills:** Web Development, Git & GitHub, SQL, Deployment (cPanel, HPanel)
- **CMS:** WordPress, WooCommerce, Elementor, Custom Plugins
- **Frontend :** React.js, Next.js, Redux Toolkit, Tailwind CSS, Bootstrap
- **Backend:** Node.js, Express.js, MongoDB , Rest API

EDUCATION

• **Chandigarh University**
Masters of Computer Applications;

Aug. 2023 – July. 2025
Kharar, Punjab

• **Kolhan University**
Bachelor of Science;

Aug. 2019 – July. 2022
Jamshedpur, Jharkhand

CERTIFICATIONS & AWARDS

- React Js - Infosys|springboard
- Node Js - Infosys|springboard
- WordPress Development – Udemy
- Certified Web Development Trainer (6-Day Program) – Delivered training for Shiromani Gurdwara Parbandhak Committee

INTERPERSONAL SKILLS

Team Leadership | Management &
Coordination | Decision Making |

INTERESTS & HOBBIES

Coding | Reading| Gardening |Cricket