

Kamal Chandra Joshi

(ROR Developer)

Location: Noida, sector 63

PROFILE OVERVIEW

2+ years of Experience in Ruby on Rails(ROR) with building and scaling web applications. Expertise in developing clean, efficient, and maintainable code while adhering to best practices and SOLID principles. Proficient in full-stack development, including RESTful APIs, database design, and front-end technologies. Strong problem solver with a focus on optimizing performance and delivering user-friendly features. Passionate about collaborating with teams and driving projects from concept to deployment.

EXPERIENCE

•RyientSoft Technologies Pvt Ltd.

Nov 2021 -Present

Ruby on Rails Developer

Key Deliverables:

- Developing and maintaining Ruby on Rails applications, contributing to the entire software development lifecycle from concept to deployment.
- Successfully implemented new features and functionalities, adhering to project requirements and timelines, and ensuring a seamless user experience.
- Conducted thorough testing and debugging to identify and resolve issues promptly, minimizing application downtime and enhancing overall performance.
- Committed to writing clean, efficient, and maintainable code while adhering to coding standards and best practices within the Ruby on Rails framework.
- Effectively using Git for version control, participating in code reviews to maintain code quality and collaboration with other team members.
- Utilizing RSpec and Capybara for unit and integration testing, contributing to the development of robust, bug-free applications.
- Continuously updating knowledge of the latest Ruby on Rails trends, frameworks, and tools, staying informed about the best practices in the web development industry.

PROJECTS

Hapchi Digital Student Management System

Tech Stack: Ruby on Rails, Bitbucket, HTML, CSS, JavaScript, PostgreSQL

Description: Developed a digital student management system with a comprehensive role-based access model, supporting students, trainers, schools, parents, admins, and sub-admins. The platform enabled course creation, online/offline classes, exam submissions, and detailed reporting for all stakeholders.

Role & Responsibilities:

- Designed and implemented **ActiveAdmin** interfaces for managing users, courses, and reports.
- Developed a **student dashboard** displaying upcoming events, progress tracking, and notifications.
- Created APIs with robust **RSpec test cases** for various functionalities, ensuring reliable integrations.

- Built **Swagger documentation** for seamless API exploration and usage by other developers.
- Developed **upcoming events** and notification features to keep users informed.
- Implemented dynamic workflows for course assignments to trainers, schools, and students.
- Handled the submission and evaluation of **Youmatter (exam papers)**, enabling trainers to generate detailed reports.
- Designed views for students, trainers, parents, and admins to access progress reports.
- Set up secure authentication and routing for all user types, ensuring role-based access control.
- Performed CRUD operations for users, courses, exams, and reports.
- Optimized database queries to improve system performance for real-time data retrieval.

LOTS Wholesale - B2B Online Shopping Marketplace

Tech Stack: Ruby on Rails, HTML/CSS, JavaScript, PostgreSQL, GitHub

Description: Developed a wholesale e-commerce platform designed for bulk purchasing, with features including user authentication, product catalog management, shopping cart functionality, advanced search, and invoicing. The platform offered seamless order processing and payment integration tailored to wholesale needs.

Role & Responsibilities:

- Developed APIs for **Order**, **Cart Item**, **Product**, and **Checkout**, supporting large-scale transactions and operations.
- Implemented **invoice bill report generation**, providing detailed summaries for orders.
- Built an **advanced search filter** to allow users to efficiently find products by category, price, stock levels, and other parameters.
- Wrote comprehensive **RSpec tests** for APIs and models, ensuring robust functionality and reliability.
- Designed and optimized database schemas for managing large inventories and wholesale orders.
- Enabled dynamic shopping cart functionality with real-time updates and bulk discount features.
- Integrated secure payment processing to handle high-value transactions.
- Collaborated on UI/UX improvements for a smooth user experience in wholesale browsing and checkout processes.
- Improved system performance by optimizing queries and minimizing response times for large datasets.

Cleanify Services Platform

Tech Stack: Ruby on Rails (Backend), React (Frontend), PostgreSQL, GitHub

Description: Designed and developed a platform offering a wide range of professional cleaning services, including kitchen cleaning, flat cleaning (1BHK, 2BHK, 3BHK), fan cleaning, washroom cleaning, AC cleaning, full house cleaning, and office cleaning. The platform provided a seamless user experience for booking and managing cleaning services.

Role & Responsibilities:

- **Backend Development:**
 - Designed and developed APIs for **service listings**, **booking management**, **user profiles**, and **payment processing**.
 - Implemented **database schemas** to manage services, bookings, user details, and service providers.
 - Integrated payment gateways to facilitate secure online transactions.
 - Built RSpec test cases to ensure the robustness of API functionality.
 - Implemented **admin panel** for managing services, bookings, and user data.
- **Frontend Development:**
 - Designed and developed React components for user registration, service browsing,

and booking workflows.

- Implemented a **responsive UI** to enhance usability across devices.
- Created a dynamic dashboard for users to track their bookings and manage service preferences.
- Built forms and validation for booking services with real-time updates based on user input.
- Implemented state management using React Context/Redux for seamless data flow.
- **Additional Contributions:**
 - Developed a **search and filter** feature to help users find specific cleaning services.
 - Enabled real-time updates for booking statuses and notifications using WebSockets.
 - Collaborated with the team to improve platform scalability and performance.

Social Media Platform

Tech stack: Ruby on Rails, GitHub, PostgreSQL

Description: Built a social media platform with features like user profiles, posts, comments, and real-time messaging. Focused on delivering a scalable solution with a rich user experience and security best practices.

Role & Responsibilities:

- Developed Models, Views, and Controllers (MVC) for user profiles, posts, and comments.
- Designed data structures and relationships for users, posts, likes, and followers.
- Implemented routing, migrations, and user authentication with OAuth support.
- Built real-time messaging and notifications using Action Cable and WebSockets.
- Integrated image upload and processing for user profiles and post attachments.
- Developed views with forms, partials, and helpers for creating posts and comments.
- Performed CRUD operations for posts, comments, and user interactions.
- Optimized database queries for faster retrieval of user feeds and interactions.

Job Portal

Tech stack: Ruby on Rails, GitLab, PostgreSQL

Description: Created a job portal to connect employers with job seekers, including features like job listings, applications, and user profiles. Integrated payment options for premium job listings and analytics for employer dashboards.

Role & Responsibilities:

- Developed Models, Views, and Controllers (MVC) for job listings, applications, and user profiles.
- Designed data structures and relationships for job listings, users, applications, and resumes.
- Implemented routing, migrations, and user authentication for job seekers and employers.
- Integrated payment gateways for premium job listings and services.
- Created an employer dashboard for job management and applicant tracking.
- Developed views with forms, partials, and helpers for job applications and profile creation.
- Performed CRUD operations for job listings, applications, and user profiles.
- Implemented background jobs for sending email notifications about job updates.

Fitness Tracker Application

Tech stack: Ruby on Rails, GitHub

Description: Developed a fitness tracker app with features like workout logging, progress tracking, and

personalized fitness plans. Integrated APIs for wearable device data synchronization and user activity insights.

Role & Responsibilities:

- Developed Models, Views, and Controllers (MVC) for workout logging and fitness plan management.
- Designed data structures and relationships for users, workouts, and progress tracking.
- Implemented routing, migrations, and user authentication for tracking personalized fitness plans.
- Created and integrated APIs for syncing wearable device data (steps, heart rate, etc.).
- Built the admin panel for managing fitness plans and user progress data.
- Developed views with forms, partials, and helpers for logging workouts and tracking progress.
- Performed CRUD operations for workouts, plans, and user progress data.
- Set up scheduled background jobs for syncing user activity data from devices.

Education

•Government Polytechnic Institute Tanakpur(UBTER)

2022

DIPLOMA: Computer Science and Engineering

CGPA: 8/Percentage: 73.54

TECHNICAL SKILLS and INTERESTS

Programming Languages: Ruby

Web Technologies: Ruby on Rails, HTML, CSS, JavaScript.

Databases: SQLite3, PostgreSQL.

Tools: VS Code, Sublime, Postman.

Version Control Tools: Git/GitHub

Platforms: Windows, Linux, Mac

STRENGTHS

- Positive attitude.
- Possess good relationship building and interpersonal skills.
- Hardworking and quick learner.
- Goal Oriented and adaptable to any environment.

DECLARATION

I hereby declare that the above-mentioned information is correct, as to my best knowledge.

Place:

Kamal Joshi