

# DIKSHA KUMAWAT

## Full Stack Developer ( ROR + Reactjs + Mern)

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### Summary

Full Stack Developer with expertise in building scalable, maintainable web applications and writing clean, efficient code. Skilled in full-stack development, with deep knowledge of Ruby on Rails (latest version used: 8.0.2), RESTful APIs, and MVC architecture. Proficient in applying OOP and TDD to deliver robust, high-quality solutions.

Known for strong problem-solving abilities, precision, and the ability to turn complex requirements into user-friendly features. A proactive, collaborative team member with a growth mindset, committed to delivering excellence in fast-paced environments.

### Education

Jawaharlal Institute of Technology Vidya Vihar

Borawan

B.Tech | GPA: 8 / 10

### Experience

Brainly

Indore

Contract full-time (LLM + Ruby on Rails)

06/2025 –

07/2025

- Implemented an LLM-driven challenge generation system in Ruby on Rails, converting funding data files into coding or analytical problems using OpenAI API.
- Built a file ingestion pipeline for parsing CSV, Excel, and JSON files using roo and csv gems, with validations to ensure data consistency.
- Integrated GPT-4 via the OpenAI API to dynamically generate code or textual responses based on structured prompts derived from uploaded data.
- Automated test suite generation using RSpec, dynamically creating and executing tests to ensure 100% pass rate for LLM-generated solutions.
- Utilized Sidekiq for background job processing to handle large file uploads and asynchronous LLM interactions efficiently.
- Stored challenges, LLM responses, and test results in a structured database for logging, auditing, and performance monitoring.

Developed a responsive user interface using Hotwire (Turbo + Stimulus) to provide real-time updates for file processing, challenge creation, and test execution

ZaagSystem Limited

Full stack Developer

10/2024 - 05/2025

- Design, develop, and maintain web applications using **Ruby on Rails**, ensuring high performance and responsiveness to requests from the front end.
- Work on development tasks, including database interactions, **server-side logic**, and **API** development.
- Manage and optimize **background jobs** using tools such as **Sidekiq**, **Resque**, or **similar**.
- Implement and maintain database solutions using **PostgreSQL**, ensuring data integrity and **optimizing query** performance.
- Utilize **Redis** for caching and background job management to enhance application performance.
- Develop and maintain APIs to ensure seamless integration with front-end applications and **third-party services**.
- Collaborate with front-end developers and other team members to integrate user-friendly elements with server-side logic.
- Troubleshoot and **debug applications** to optimize performance and resolve issues.
- Stay up-to-date with the latest industry trends and technologies.

Simply Alliances Software Solution

Indore

Solution Engineer

06/2022 - 09/2024

- Designed and developed RESTful APIs from the ground up** to support scalable mobile and web applications, ensuring efficient communication and seamless integration.
- Customized and enhanced the ActiveAdmin framework**, tailoring its theme to improve usability and align with client branding, delivering a polished administrative experience.
- Implemented advanced filter functionality**, optimizing data retrieval and elevating user interaction for faster and more intuitive application workflows.
- Independently managed end-to-end development** for multiple projects, including client interactions, requirements gathering, and delivering high-quality, tailored solutions on time.

### Technical Skills

**Backend:** Nodejs, Express, Mongo db, Ruby (2.7+), Ruby on Rails (up to 8.0.2), PostgreSQL, MySQL, RSpec, Sidekiq, Redis, ElasticSearch, Stripe, Git, Docker, Postman, Java

## Projects

### Gigchaser

Technology (MERN  
STACK)

Description:

Developed a scalable gig-based task management platform using the MERN stack, connecting two primary roles — Deployer and Deployee. The platform supports real-time task posting, acceptance, messaging, and payment flow using modern web technologies.

Key Features:

- **Role-Based System:** Deployers can create gigs with details, and Deployees receive real-time notifications based on location and availability.
- **Real-Time Communication:** Integrated live chat using Socket.io and dynamic status updates for tasks.
- **Smart Workflow:** Deployees can accept/decline tasks; Deployers can track progress through a clean dashboard.
- **Secure Payments:** Integrated payment flow using secure APIs for gig completion.
- **Scalable Architecture:** Used Express.js APIs, MongoDB, and optimized React UI for fast and smooth performance.

### VidShop-1

**Technology:** Full Stack Developer

**Tools:** Sublime

**Description:** Created a unique social commerce platform that combines shoppable videos with influencer marketing. Users can watch videos and buy products directly from them. The platform also includes:

- Fun gamification features to keep users engaged
- Support for user-generated content
- A smart recommendation system that shows products based on user interest
- Inspired by live shopping experiences for a more interactive feel
- This project made shopping more social, engaging, and easy for users.

### Company Employee

**Technology:** Full Stack Developer

**Tools:** Sublime

**Description:** Developed a management system for the Tenant International platform's employees. Developed a comprehensive management system for employees of the Tenant international platform. Admin console facilitates efficient management and administration of the tenant international project.

- Created a system to manage employee data and admin workflows.
- Enabled smooth administration and performance tracking.

### School & Bus Booking Application

**Technology:** Full Stack Developer

**Tools:** Sublime

- Built a platform to manage academics and student transportation.
- Added student enrollment, attendance, and fee management.
- Integrated bus booking, seat allocation, GPS tracking, and parent portal.
- Enabled online fee & bus booking payments.

### Library Management System

**Technology:** MERN Stack (MongoDB, Express.js, React.js, Node.js)

**Description:**

Developed a task management system with authentication, user roles, CRUD operations, and real-time updates

Responsibilities / Key Contributions:

JWT-based login & protected routes

State management using React + Context API

MongoDB schema design & aggregations

Responsive UI and optimized API performance