

Shubhank Kushwaha

Software Engineer (Ruby on Rails)

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Professional Summary

Software Engineer with **1.8 years of hands-on experience** in building, maintaining, and enhancing backend-heavy web applications using **Ruby on Rails**. Experienced in working within **team-based development environments**, understanding real-world backend scenarios, resolving bugs, and delivering small-to-medium tasks in production systems. Comfortable collaborating via Agile tools and continuously improving technical skills with discipline and consistency.

Work Experience

Software Engineer — BestPeers Infosystem, Indore, India

Jul 2023 – Mar 2025

- Worked collaboratively with application teams to develop and maintain full-stack web applications.
 - Contributed primarily to **backend development using Ruby on Rails**, understanding business logic and application flow.
 - Implemented backend features, fixed bugs, and handled assigned tasks through **Jira and Shortcut**.
 - Used **Tailwind CSS** for UI-level changes and enhancements.
 - Worked with tools such as **Git, GitHub, Slack, Sidekiq, Hotwire, Presenters**, and followed team coding standards.
 - Participated in code reviews, CI/CD checks, and task discussions to ensure smooth deployments.
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Professional Projects

Ziplines Education

Description: Digital-first career training platform partnering with universities.

Role & Contributions: - Developed and maintained **six core templates** with program-specific features. - Took ownership of assigned modules and ensured timely delivery. - Communicated directly with the client via **Slack** for requirement clarification and issue resolution. - Resolved **150+ issues**, including UI bugs and backend logic fixes, and pushed stable solutions to GitHub.

Target Test Prep (TTP)

Description: Online test preparation platform for GMAT, GRE, and SAT aspirants.

Role & Contributions: - Worked on **feature enhancements and bug fixes** assigned through Jira. - Improved application stability by resolving recurring issues. - Assisted in maintaining existing Rails codebase.

Canvas LMS (Tech-9)

Description: Widely used Learning Management System for educational institutions.

Role & Contributions: - Upgraded the **Ruby version** of the application. - Successfully resolved compatibility issues and ensured the application ran smoothly post-upgrade.

Builder.ai (JoshFanApp, Bill Insurance, BioCollection)

Description: Low-code/no-code application development platform.

Role & Contributions: - Contributed to **backend development tasks** using the Builder.ai IDE. - Implemented backend logic for assigned scenarios and small features. - Worked closely with team members, understanding end-to-end backend flow rather than handling the project alone. - Wrote and maintained **RSpec test cases** to ensure code reliability. - Actively communicated updates and task progress via **Mattermost**. - Observed and understood **CI/CD pipeline processes** as part of development workflow.

Personal & Academic Projects

Restaurant Web Application (YummyTable) — Ruby on Rails

- Built a web application allowing users to book restaurant seats with email confirmation.
- Developed an **admin panel** to manage bookings and availability.
- Implemented **Stripe payment integration** using payment intents with success and failure handling.

- Created **Rake tasks** for scheduled operations and time-based management.
- Wrote comprehensive **RSpec test cases**, primarily **model specs** covering validations and associations.

Tech Stack: Ruby, Ruby on Rails, RSpec, Stripe, MySQL

EasyGo — Android Application (Academic Project)

- Developed this application during college to digitize hostel exit permission workflows.
- Built the app using **Java and XML** in **Android Studio**.
- Implemented OTP-based verification logic for secure approvals.
- Designed and integrated a **SQLite** database for local data storage and request tracking.

Tech Stack: Java, XML, SQLite, Android Studio

IoT Home Automation with Fire Safety — Internship Project (IIT Indore)

- Developed an **IoT-based home automation system** with real-time fire and gas detection.
- Integrated **NodeMCU**, **DHT11**, and **MQ2 sensors** for environment monitoring and safety alerts.
- Implemented cloud-based real-time data synchronization and alerting using **Firebase APIs**.
- Built control and monitoring interfaces for automation and emergency response.
- Gained hands-on experience working remotely during the internship period.

Tech Stack: NodeMCU, Firebase, Android, Java, Embedded-C. - **Implemented OTP-based verification logic for secure approvals.** - **Designed and integrated a SQLite**** database for local data storage and request tracking. - Focused on understanding end-to-end application flow, user roles, and data handling.

Tech Stack: Java, XML, SQLite, Android Studio

Technical Skills

- **Backend:** Ruby, Ruby on Rails, RESTful APIs, MVC Architecture
- **Databases:** MySQL, PostgreSQL
- **Frontend:** Tailwind CSS, JavaScript (hands-on), CSS
- **Testing:** RSpec (basic to intermediate)

- **Concepts:** Object-Oriented Programming, Data Structures (basic), Mocking
 - **Tools:** Git, GitHub, Jira, Shortcut, Slack
 - **Practices:** CI/CD awareness, Agile development, cross-functional collaboration
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Strengths

- **Self-discipline & consistency**, demonstrated through regular task delivery and continuous learning.
 - **Backend problem understanding**, with the ability to analyze scenarios and implement logical solutions.
 - **Clear communication and convincing ability** within team discussions and client interactions.
 - Strong willingness to learn and adapt in collaborative environments.
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Education

Bachelor of Technology in Computer Science & Engineering

Chameli Devi Group of Institutions, Indore, MP

2019 – 2023 | CGPA: 8.5 / 10

Co-Curricular Activity

CITRONICS (National Techno-Management Fest) — Event Coordinator

Mar 2022 – Apr 2022

- Coordinated the event “**Beat the Bug**” as part of the software community.