# Rohit Kumar Yadav

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## CAREER SUMMARY

Full Stack Software Engineer with 10+ years of experience in Ruby on Rails, Python/Django, API engineering, high-scalability backend design, system architecture, and cloud deployments (AWS, Digital Ocean, Heroku). Expert in building enterprise-grade, distributed systems with strong focus on performance optimization, caching, clean coding standards, and secure architecture. Experienced in leading teams, mentoring developers, managing full project lifecycle, and delivering high-impact solutions within deadlines. Strong command over data structures, algorithms, relational databases, and scalable service design.

## TECHNICAL SKILLS

**Backend:** Ruby, Ruby on Rails, Python, Django

**Frontend:** JavaScript (jQuery, Coffee Script), HTML, CSS, Ajax, Bootstrap, HAML, Slim

**Databases:** PostgreSQL, MySQL, MongoDB, SQLite3

**Cloud:** AWS (EC2, S3, RDS), Heroku, Digital Ocean, Transip

**Servers:** Nginx, Apache, Passenger, Unicorn, Puma

**Tools:** Git, Postman, Jira, GitHub, Gitlab, Code Commit, Bit bucket, Trello, Asana

**Others:** Agile, Sprint Planning, System Design, API Integration

## PROFESSIONAL EXPERIENCE

**Tata Consultancy Services (TCS), Indore** – *Senior Software Engineer*      *FEBRUARY 2022 – PRESENT*

Worked as Backend Lead for enterprise-grade internal platforms, delivering high-performance API systems, optimizing backend latency, production issues fixing and guiding junior engineers.

**Yuvasoft Solution Pvt. Ltd., Indore** – *Senior Ruby on Rails Developer*      *JUNE 2015 – JANUARY 2022*

Built and maintained multiple large-scale applications in e-commerce, fitness, social networking, and data-management domains. Played a major role in architecture design, DB modeling, backend development, performance optimization, and deployment automation. Managed client communication, planning, delivery timelines, and development strategy.

## PROJECTS

**Knome – Enterprise Social Media Platform** – *Team Lead*      *FEBRUARY 2022 – PRESENT*

Knome is TCS's internal social-collaboration platform used through the Ultimatix portal. The platform is used to help employees create and join communities, share ideas, and participate in knowledge-exchange, fostering innovation across the organization. It also uses gamification features like badges and karma points to encourage engagement and meaningful interactions with senior leadership. By reducing organizational silos, Knome improves cross-team collaboration, transparency, and social learning.

**Key Contributions:**

- ➢ Developed RESTful APIs for posts, feeds, comments, and community modules.
- ➢ Implemented Swagger API documentation for seamless API exploration and testing.
- ➢ Built the User Interest and Recommendation Engine to improve content personalization.
- ➢ Optimized performance using Redis caching + lazy loading, reducing API latency by 40%.
- ➢ Integrated Apache SOLR for advanced community and content search indexing.
- ➢ Collaborated with the frontend team using jQuery and Bootstrap v4 to enhance UI workflows.

**Tech Stack:** Ruby on Rails, PostgreSQL, SOLR, Redis, Memcached, Swagger, jQuery, Bootstrap v4

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**Daytrip Tasks** – *Team Lead (Ruby on Rails)* *JUNE 2020 – JANUARY 2022*

Daytrip is a productivity platform that helps teams plan and execute work through structured 2-week agile sprints. It visualizes long-term goals, breaks them into actionable daily tasks, and tracks progress across teams to improve clarity, alignment, and performance. The platform supports milestone tracking, work transparency, and data-driven improvement-cycles.
**URL:** https://daytriptasks.com

**Key Contributions:**

- ➢ Led full lifecycle development with architecture, REST API integration, and core feature implementation.
- ➢ Built admin controls for user management, activity monitoring, and operational insights.
- ➢ Worked closely with clients and resolved production issues to ensure smooth and stable performance.

**Tech Stack:** Ruby on Rails, Bootstrap UI, JavaScript, PostgreSQL, AWS EBS, RDS, Route 53, Code Commit, Code Pipeline, Stripe, Go Daddy

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**Stroll – Walking Tracker** – *Senior Backend Developer* *MARCH 2018 – MAY 2020*

Stroll is a health-focused social app that allows individuals and teams to track daily steps and weight using devices like Fitbit and Apple Watch. It enables users to participate in step-count and weight-loss challenges, promoting community engagement and healthy competition. The platform includes an admin dashboard for managing users, teams, and challenges, along with detailed engagement and activity analytics. It supports both free and premium subscriptions, providing advanced tracking and wellness insights that help improve team motivation and fitness habits.
**URL:** https://getstroll.com

**Key Contributions:**

- ➢ Developed core APIs for user onboarding, step tracking, team creation, and challenge management.
- ➢ Improved stability by resolving production issues and enhancing the admin panel for real-time user and activity insights.
- ➢ Coordinated with clients and mobile teams to align requirements and ensure smooth feature delivery.

**Tech Stack:** Ruby on Rails, PostgreSQL, JavaScript, Bootstrap UI, AWS EBS, S3, Glacier, Route 53, RDS, Redis, Stripe, Code Commit, Go Daddy

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**Bevv** – *Senior Backend Developer*                    *DECEMBER 2017 – FEBRUARY 2018*

Developed a custom Solidus extension ('solidius_bevv_onboard') to integrate external data sources for dynamic product onboarding. Implemented Brewery DB API to fetch U.S. beer stores and retrieve complete beer listings available in each store. Integrated Yelp API to obtain store details, including addresses, operating hours, and availability based on day and time. Mapped and processed API responses to automatically display beer variants, images, and associated store information within the Solidus storefront.
**URL**: https://bevv.com

**Key Contributions:**

- ➢ Reviewed and improved the design and architecture of new gems and major system enhancements.
- ➢ Integrated and optimized various plugins and gems to extend system functionality.
- ➢ Communicated daily with clients to report progress, gather feedback, and clarify requirements.

**Tech Stack:** Ruby on Rails, Bootstrap UI, JavaScript, PostgreSQL, Spree, Solidus, REST Client, Yelp API, Brewery DB, Brain-tree

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**Selectivo** – *Senior Ruby on Rails Developer*                    *JANUARY 2017 – NOVEMBER 2017*

Showing products from Product Data Management. This is sub-domain based project. Admin creates the companies, each company create the contact person and shops. Companies can define role of each person. Each contact person logs in with company sub-domain and company can import the different products and specifications of each shop. This project will compare the products and its price according to the different shops
**URL**: http://data.selectivo.com

**Key Contributions:**

- ➢ Building a standard & flexible code.
- ➢ Building back-end system.
- ➢ Regular Client interaction.

**Tech Stack:** Ruby on Rails, Bootstrap UI, JavaScript, PostgreSQL, Transip, Capistrano

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**Product Data Management** – *Senior Ruby on Rails Developer*                    *MARCH 2016 – DECEMBER 2016*

Maintained a large-scale product catalog containing over a million items while ensuring accuracy in all specifications. I also developed a dynamic calculation module that allowed clients to create custom formulas to automatically adjust specification values. Additionally, I automated product import workflows using rake tasks and schedulers and contributed to key administrative functionalities within the system
**URL**: https://fonq.pdm.nu

**Key Contributions:**

- ➢ Building a standard & flexible code.
- ➢ Building back-end system.
- ➢ Regular Client interaction.

**Tech Stack:** Ruby on Rails, Bootstrap UI, JavaScript, PostgreSQL, Heroku, Transip, Cloud 66

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It's electronic items advertisement project, we are uploading the TV image and videos. Uploading images and videos on JW Player and BroadStread API for advertisement and campaign
**URL**: http://pytch.tv

**Key Contributions:**

➢ Building a standard & flexible code**.**

**Tech Stack:** Ruby on Rails, Bootstrap UI, JavaScript, PostgreSQL, Digital Ocean, Vimeo API, JW Player, BroadStread API

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## AWARDS & CERTIFICATES

➢ **Best Team Lead Award – April 2025**
   Awarded for strong leadership, team coordination, and timely project execution.
➢ **Best Coder Award – 2024**
   Recognized for exceptional coding quality, responsiveness, and consistent on-time delivery.
➢ **Best Performer of the Year 2021** at Yuvasoft Solutions Pvt. Ltd.
➢ **Research Publication** – IJCA Explore (Volume 139 – No.14) Published a research paper titled "A Weather Forecasting Model Using the Data Mining Technique" (ISSN: 0975-8887).

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## EDUCATION

➢ **M.Tech (CSE)** – VITM Indore (RGPV) – 78.81% (2016)
➢ **B.E. (CSE)** – MDITM Indore (RGPV) – 67.94% (2012)
➢ **HSC** – Nalanda H.S. School – 71.11% (2008)
➢ **SSC** – Govt. High School – 80% (2006)

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## PERSONAL DETAILS

➢ Date of Birth: 11-07-1990
➢ Marital Status: Married
➢ Languages: English, Hindi
➢ Hobbies: Music, Badminton, Volleyball
➢ Strengths: Punctual, Honest, Hard-working

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## DECLARATION

I hereby declare that all above information is true to the best of my knowledge.

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**— Rohit Kumar Yadav**