

# HARSH KUMAR

📞 9079738120 ✉ kr.harsh13@gmail.com 🔗 [linkedin.com/in/kumarharsh13](https://www.linkedin.com/in/kumarharsh13) 🐙 [github.com/kumarharsh13](https://github.com/kumarharsh13)

## Professional Summary

Senior Software Engineer with expertise in full-stack development, system integration, and performance optimization. Proficient in Ruby on Rails, ReactJS, NodeJS, PostgreSQL. Experienced in building scalable, high-performance applications, optimizing SQL queries, integrations, and re-architecting workflows for efficiency.

## Experience

**Yabx** December 2024 – Present  
*Senior Software Engineer* Gurgaon, Haryana

- Integrated **RabbitMQ** into the existing **loan management system**, enabling efficient **message queuing** and improving **application performance** and **responsiveness** for **real-time credit limit generation**.
- Implemented a **multi-feature integration** for **real-time credit limit generation**, streamlining system workflows and ensuring accurate and efficient calculations based on dynamic data inputs.
- Optimized and automated the **manual reconciliation process** within the **loan management system**, **reducing manual effort by 85%**, improving data accuracy and minimizing errors
- Developed and maintained key **sub-modules** within a **full-stack Ruby on Rails** project, ensuring feature completeness, scalability, and adherence to project deadlines.
- Actively debugged and resolved **production issues**, minimizing downtime and ensuring system **stability and reliability**. Also, actively **reviewed code** and **mentored team members**, guiding them through technical challenges and ensuring tasks were completed efficiently and on time to meet project deadlines.

**Yabx** August 2023 – December 2024  
*Software Engineer* Gurgaon, Haryana

- Re-architected module flows to incorporate **batching** and parallelism using **Sidekiq** jobs, resulting in a **70% reduction in runtime** and improving process efficiency.
- Enhanced **SQL query performance** by identifying and eliminating **N+1 queries** and redundant database queries, reducing unnecessary database load and improving overall system responsiveness
- Designed and implemented **RESTful APIs in Ruby on Rails**, ensuring seamless integration with external systems and delivering high-performance, scalable solutions.
- Spearheaded the **UI redesign** using **HTML5, CSS3, and Bootstrap**, improving the **user experience (UX)** and creating an intuitive, visually appealing **user interface (UI)** for the platform.

**Comviva** February 2023 – August 2023  
*Product Development Engineering Intern* Gurgaon, Haryana

- Trained in **Ruby on Rails**, gaining hands-on experience in building dynamic web applications, and applied **HTML5** and **CSS3** principles to create visually appealing and user-friendly interfaces.

## Projects

**Chhavi Anvaya** (Social Networking Website) | *ReactJS, NodeJS, ExpressJS, PostgreSQL, HTML5, CSS3* | 🐙 Dec 2024

- Developed **user authentication**, profile management, and content interaction (post creation, likes, comments, follow/unfollow).
- Built a **personalized news feed** for users to engage with posts from followed users.
- Designed a **RESTful API backend** to manage user data, posts, and interactions securely.
- Currently adding **real-time notifications** for likes, comments, and follows.

**Add to Basket** (Cart Application) | *ReactJS, JavaScript, HTML5, CSS3* | 🐙 📱 Sept 2024

- Developed a **responsive e-commerce cart** in **ReactJS**, enabling users to manage items, update quantities, and calculate prices in real-time.
- Implemented **React Context** for efficient state management, ensuring smooth performance and scalability across desktop and mobile platforms.

## Technical Skills

**Languages and Frameworks:** Ruby on Rails, ReactJS, NodeJS, ExpressJS, HTML5, CSS3, JavaScript, Python, C/C++, SQL (MySQL), PostgreSQL, Git/GitHub

**Tools:** VS Code, Postman, JIRA, Chrome Dev Tools, Adobe Photoshop

## Education

**National Institute of Technology Raipur, Chhattisgarh** 2020 – 2023  
*Master of Computer Applications* CGPA: 8.60

**Maharishi Arvind Inst. of Sci. & Mgmt. Jaipur, Rajasthan** 2016 – 2019  
*Bachelor of Computer Applications* Percentage: 72.66%