

Abubakar Karim

Senior Ruby on Rails Developer | AI-Integrated Web Developer

📍 Lahore, Pakistan

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PROFESSIONAL SUMMARY

Experienced Full-Stack Developer with 5+ years of expertise building scalable, secure, and high-performance web applications using **Ruby on Rails**. Specialized in developing modern applications with **Rails (API mode)** and **React.js / Next.js** frontends. Strong experience delivering end-to-end solutions in **Agile environments** while collaborating with cross-functional teams.

Proficient in **JavaScript, TypeScript, MERN stack, and modern frontend frameworks**, with a proven track record of delivering international projects for clients in the **USA, Canada, and the MENA region**. Passionate about **clean code, test-driven development, performance optimization, and Clean Architecture**, with experience integrating **AI solutions (OpenAI, Claude)** to build intelligent and user-focused applications.

TECHNICAL SKILLS

- **Languages:** Ruby, JavaScript, TypeScript
- **Frontend Development:** React.js, Next.js, Vue.js, Angular, Tailwind CSS, ShadCN UI, Ant Design, Material UI, Redux, Zustand, React Query, Framer Motion, CSS3
- **Backend Development:** Ruby on Rails, Node.js, Express.js, RESTful APIs, GraphQL, WebSockets, JWT, OAuth
- **Databases & ORMs:** PostgreSQL, MySQL, MongoDB, Prisma ORM
- **Caching & Queueing:** Redis
- **Testing:** RSpec (Rails), Capybara, Jest, Enzyme, Selenium, Puppeteer
- **AI & Integrations:** OpenAI API Integration, AI Chatbots, Prompt Engineering, Cursor AI, Vector Databases
- **CMS:** Prismic.io (Headless CMS)
- **DevOps & Platforms:** Docker, AWS, Vercel, Azure DevOps, GitHub Actions (CI/CD), Linux, Windows, macOS
- **Tools & Collaboration:** Git, VS Code, Sublime Text, Jira, Figma

PROFESSIONAL EXPERIENCE

Upwork (Remote) | *Freelance Full Stack Developer* | Jan 2025 – 2026

Led backend development for **Ruby on Rails** applications integrated with modern **JavaScript frontends**.

- Designed and implemented **scalable RESTful APIs** to support large-scale data processing and transactions.
- Ensured **frontend-backend consistency** across design systems and implemented **headless CMS solutions**.
- Promoted engineering best practices through **code reviews, automated testing, and CI/CD pipelines**.
- Contributed to **system architecture decisions, performance optimization, and test automation** to improve

application reliability and scalability.

CodeGraphers, Lahore | Full Stack Developer | Jan 2022 – current

- Design, develop, test, and deploy scalable software features in a timely manner.
- Ensure that **user experience (UX)** drives design and development decisions.
- Maintain a balance between **functional and visually appealing application design**.
- Ensure **brand consistency** across all product interfaces and user journeys.
- Apply **engineering best practices**, including clean code, code reviews, and automated testing.
- Solve complex technical challenges using **modern web development frameworks and methodologies**.
- Collaborate with product managers and designers to translate requirements into **high-quality technical solutions**.
- Create **wireframes and technical prototypes** to demonstrate and validate advanced application features.

Encodersoft, Lahore | Full Stack Developer | Jan 2020 – Jul 2022

- Developed and maintained **MERN stack** applications and SaaS dashboards for diverse industry verticals.
- Optimized backend REST APIs, reducing database query latency by 20% through efficient indexing and schema design.
- Collaborated with design teams to convert **Figma** prototypes into pixel-perfect, accessible React components.

Selected Projects

Relevant

URL: <https://www.saplinghr.com/>

Role: Senior Software Engineer

Technologies: Ruby on Rails, Angular

Database: PostgreSQL

Description:

RelevantMD is a **patient acquisition and marketing platform** built for medical practices, particularly hearing and specialized health clinics. It helps clinics increase patient volume and retention through **digital advertising, SEO, lead management, and patient engagement tools**, enabling predictable and scalable revenue growth.

SaplingHR

URL: <https://www.saplinghr.com/>

Role: Senior Software Engineer

Technologies: Ruby on Rails, React.js

Database: PostgreSQL

Deployment: Azure DevOps

Description:

A modern **Human Capital Management (HCM) platform** that connects people, tools, and data in a customizable system. The platform automates the entire employee lifecycle, from **onboarding to offboarding**, improving operational efficiency for HR teams.

Storecove

URL: <https://www.storecove.com/>

Role: Senior Software Engineer

Technologies: Ruby on Rails, React.js

Database: PostgreSQL

Deployment: Azure DevOps

Description:

A **cloud-based invoicing and billing platform** designed to streamline invoice management and financial workflows for businesses. The system improves invoicing efficiency, reduces manual work, and accelerates payment processing.

Vital City NYC

URL: <https://www.vitalcitynyc.org/>

Role: Senior Software Engineer

Technologies: Ruby on Rails, React.js

Database: PostgreSQL

Headless CMS: Prismic.io

Description:

A digital platform dedicated to making **New York City safer and stronger** by connecting government organizations, nonprofits, and communities. The platform focuses on improving neighborhoods, businesses, and public spaces through data-driven insights and collaboration.

EDUCATION

Comsats University Islamabad, Lahore Campus - *Bachelor of Science in Computer Science (BSCS)* | 2017 – 2021

KEY PROJECTS & SERVICES

- **AI-SaaS Dashboards:** Multi-tenant platforms with integrated LLMs for automated workflows.
 - **FinTech Solutions:** Secure, scalable portals for transaction management and financial reporting.
 - **Performance Audits:** Technical consulting on architecture reviews and tech-stack migration.
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LANGUAGES

- **Languages:** Urdu (Native), English (Professional), Punjabi (Native).