Rehman Z

Full Stack Engineer, 4+ years experience
Lahore, Pakistan
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Full Stack Engineer with 4+ years of experience building secure, high-performance web applications across real estate, healthcare, and e-commerce domains. Skilled in developing scalable frontend and backend solutions, working with both modern and legacy systems. Strong expertise in API-driven development, performance optimization, and database tuning. Adept at improving application efficiency, debugging complex issues, and enhancing overall system reliability. Experienced in collaborating with cross-functional teams to deliver high-quality, user-focused software. Passionate about clean architecture, continuous learning, and building impactful digital products.

INDUSTRIES: Real Estate, Communication

TECHNICAL SKILLS

• Ruby on Rails	4 years & 7 months
• Ruby	4 years & 7 months
• Web App Development	4 years & 7 months
• Python	3 years
• Django	2 years

SOFT SKILLS

Teamwork, Communication, Critical thinking

PROJECT DETAILS

• Intellirent January-2023 - December-2024

Project Description: Intellirent is a B2B paperless transactions software for residential leasing. Automated rental marketing and tenant screening software providing secure paperless transactions for residential leasing.

Responsibilities: Refactored legacy Ruby on Rails architecture using advanced metaprogramming and DRY principles, delivering a 33% performance gain and lowering server costs. Engineered containerized microservices with AWS Lambda and Docker, cutting infrastructure costs by 27% while enhancing scalability and deployment speed. Integrated third-party REST APIs (Stripe, Experian) to fully automate applicant screening, reducing manual workload by 30%. Restructured relational schemas with ActiveRecord, resolving memory issues (23% improvement) while ensuring ACID compliance. Enhanced frontend performance by 15% via asset bundling and font caching. Reduced memory usage by 77% by embedding PDFs, minimizing external dependencies. Accelerated debugging by 50% using structured logging and real-time monitoring tools such as Papertrail and Airbrake. Replaced default Rails scaffolding with Turbo Streams and Turbo Frames to deliver reactive, real-time UX without writing custom JavaScript. Wrote unit tests using RSpec for critical modules, improving test coverage and reducing production bugs in legacy refactored components. Delivered features in cross-functional Agile teams, collaborating across design, product, and QA to meet sprint goals.

Technologies: 'Ruby', 'Rails', 'AWS', 'JavaScript (ES6)', 'Jira', 'Heroku','HAML', 'Atlassian', 'Stripe', 'PostgreSQL', 'Redis'

Industry: Real Estate

Link: https://myintellirent.com

• Inteveo

Project Description: Inteveo is a cloud communications platform integrating RingCentral with agency management systems like AMS360, enabling seamless call routing, SMS, voicemails, and compliance for insurance agencies.
Responsibilities: Developed a real-time API status monitoring system as a full-stack developer. Implemented Action Cable to broadcast API status changes (green/red) to users in real time. Designed logic to mark an API as 'down' after 5 consecutive failures and built a scheduled job (cron) to recheck status every 5 minutes. Additionally, integrated on-demand checks triggered by user actions to restore the status promptly when the API is back online. Working on integration Whatsapp Message & Call API
Technologies: 'Ruby on Rails', 'JavaScript', 'Turbo', 'ActionCable', 'PostgreSQL', 'Redis', 'RingCentral API', 'WebSockets', 'Multi-Tenancy', 'AWS (EC2, S3)'
Industry: Communication
Link: https://ecolink.inteveo.com

EMPLOYMENT HISTORY

• Senior Software Engineer

Description: Roles and Responsibilities Developed Modern Rails Interfaces: Customized Rails UI by overriding default scaffolding and integrating Turbo Streams and Turbo Frames for a highly reactive, seamless user experience without heavy JavaScript dependencies. Implemented Background Job Management: Utilized Solid Queue in Rails 8 to efficiently manage background tasks such as AI-powered operations, image processing, and API integrations with high reliability and fault tolerance. Automated Web Interactions: Built robust browser automation workflows using Selenium for dynamic form handling, validations, and multi-step processes across complex web environments. Created AI-Enhanced Chrome Extension: Engineered a Chrome extension capable of extracting passport image data and automatically filling dynamic forms using AI-based field detection for accuracy and efficiency. Built AI Automation Agents: Designed and deployed multiple n8n automation agents, including GPT-powered chatbots, lead generators, and service-matching bots integrated with webhooks and APIs. Designed Interactive Workflows: Developed reusable n8n workflows for smooth integration between APIs, databases, and chat-based UIs to enable interactive communication flows. Developed No-Code AI Apps: Delivered 5+ interactive web applications using Databutton, focusing on AI-driven automation and Firebase-based backend solutions for rapid deployment. Integrated GPT Features Across Apps: Implemented AI-powered features such as document generation, intelligent service matching, and dynamic response handling to enhance multiple applications and workflows.

EDUCATION

• Bachelors degree in Computer Scinence from Namal College - An Associate College of University of Bradford, UK — 2018 - 2021

LANGUAGES

• English - intermediate

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