

# Moises Esteban Guimet

## Sr. Rails Engineer

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## Professional Summary

I'm a Senior Ruby on Rails Developer with over 10 years of experience, mainly working in Agile and Scrum environments. I specialize in Ruby on Rails, JavaScript, PostgreSQL, and AWS Cloud infrastructure. Throughout my career, I've successfully led multiple projects from conception to deployment, focusing on building scalable and maintainable applications. I have extensive experience in designing RESTful APIs, implementing efficient database solutions, and utilizing ActiveRecord for optimized data management. I'm also passionate about writing clean, efficient code and have a strong background in conducting code reviews and mentoring junior developers. My track record in team leadership, problem-solving, and technical troubleshooting has enabled me to contribute to the success of various projects across different industries.

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## Skills

- Programming Languages: Ruby, JavaScript (ES6), Python, Core Java, SQL, T-SQL, PL/pgSQL, PL/SQL, HTML/CSS, PHP, C++, GO, Kotlin, TypeScript, Apex
  - Frameworks & Libraries: Ruby on Rails, React, Node.js, Vue.js, Sinatra, Turbo, Stimulus, Tailwind, Bootstrap, Hotwire, J2EE
  - Cloud Platforms & Tools: AWS, Azure, Jenkins, Git, GitHub, Docker, Kubernetes, Helm, Kafka, Heroku, Cloudflare, Telemetry, Nginx, Lura, Sidekiq, GCP, Prometheus, Grafana, ELK Stack, SaaS
  - Microservices: gRPC, API Development, API security, error handling, logging, versioning
  - Data Serialization: Protobuf
  - Databases: Oracle, MySQL, PostgreSQL, SQL Server, NoSQL, Redis, RDBMS, DynamoDB
  - CMS: Drupal, WordPress
  - Testing & CI/CD: RSpec, Capybara, Selenium, Cucumber, JUnit, Mockito
  - Methodologies: Agile, TDD, BDD, SOA
  - Operating Systems: Linux, UNIX, Windows, Mac OS X
  - Mobile Development: iOS
  - Additional Skills: WebRTC, Webpacker, Stimulus, AI/ChatGPT
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## Work Experience

### Senior Ruby on Rails Developer

Softermii | Sep 2022 – Jun 2024 | San Francisco, CA

- Led the development of versatile, scalable web applications in sectors such as finance, e-commerce, and SaaS using Ruby on Rails, focusing on clean, maintainable code.
- Streamlined business logic by utilizing advanced Rails functionalities, including custom validations, callbacks, and concerns, resulting in a 25% reduction in development time across multiple modules.

- Integrated third-party APIs, such as payment gateways and cloud storage, seamlessly enhancing application functionality and increasing operational efficiency by 30%.
- Boosted response times by 40% during peak traffic through performance optimization, leveraging profiling, refactoring, and efficient caching strategies with Redis and Memcached.
- Maintained 99.9% uptime for critical deployments by ensuring cloud-based application stability using AWS CloudWatch and Azure Monitor.
- Brought expertise in blockchain technology, designing and maintaining decentralized applications with Ethereum and Bitcoin, while handling smart contracts with Solidity and Hyperledger.
- Integrated blockchain solutions into microservices architecture, focusing on security and scalability, and developed services for decentralized transactions, wallet management, and cryptographic key handling.
- Delivered secure and efficient cryptocurrency solutions, including smart contracts and token exchanges, enhancing the platform's reliability in handling crypto transactions.
- Leveraged hands-on experience with Ethereum blockchain over three years, creating smart contracts and decentralized applications (DApps) using tools like Solidity, Truffle, and Ganache.
- Improved system scalability and reduced complexity by transitioning from monolithic architectures to microservices, utilizing Docker, Kubernetes, and gRPC.
- Designed and implemented real-time system monitoring with Prometheus, Grafana, and the ELK stack, reducing downtime by 15% through proactive monitoring and alert systems.
- Enhanced data processing speeds by 20% by optimizing both relational (PostgreSQL, MySQL) and NoSQL (DynamoDB, Redis) databases through advanced indexing techniques and JSONB.
- Managed and deployed cloud-based applications on AWS and Azure, leveraging Heroku for rapid deployment and achieving a 10% reduction in infrastructure costs.
- Improved collaboration and reduced code conflicts by 50% through efficient use of Git and GitHub workflows, implementing clear branching strategies.
- Optimized data processing times by 40% by refining Apex triggers, classes, and batch processes, significantly improving system stability.
- Applied custom Apex validations and business logic to ensure strict data integrity, reducing data entry errors by 20%.
- Automated essential business workflows using Apex, saving 15 hours of manual labor weekly and boosting operational efficiency.
- Spearheaded the migration of SMS and push notification templates from Ruby to Kotlin, maintaining service reliability while collaborating closely with marketing teams to ensure smooth campaign execution.
- Improved migration efficiency by 30% and reduced manual intervention by automating tasks with Kotlin and custom scripts.
- Collaborated with cross-functional teams to integrate notification templates into a segmentation platform, while ensuring seamless communication across SMS, email, and push notifications.
- Developed large-scale marketing systems using Kotlin, enabling personalized campaigns and improving platform reliability and data handling by 20%.
- Actively participated in SCRUM meetings, addressing technical challenges and ensuring timely completion of projects by coordinating with the team for prompt issue resolution.
- Worked alongside DevOps to automate infrastructure provisioning for Rails applications using Terraform and Docker, leading to scalable systems with automated load balancing via Kubernetes.
- Implemented and optimized CI/CD pipelines using GitHub Actions, Jenkins, and GitLab CI, increasing delivery speed by 25% through automated testing and deployments.
- Enhanced site performance and security by integrating Cloudflare for DDoS protection and CDN services, leading to a 30% reduction in load times.
- Monitored system performance with Datadog, identifying and fixing bottlenecks proactively, improving response times by 20%.
- Led the development of mobile applications with React Native, successfully integrating backend services and driving a 15% increase in user engagement.
- Built scalable, high-performance microservices using Kotlin in a Spring Boot environment, boosting system efficiency by 25%.
- In a BDD environment, collaboration is key. I've worked closely with product managers, business analysts, and QA engineers to define feature behaviors.

- Worked with Red Hat OpenShift, which is an enterprise Kubernetes platform that helps in managing containerized applications.
- Developed RESTful and GraphQL APIs using Kotlin and Spring MVC, improving API response times by 15% and ensuring smooth communication between frontend and backend systems.
- Implemented gRPC APIs with Protobuf for data serialization, enhancing service communication and improving response times by 25%.
- Enhanced code quality by 30% through rigorous testing with RSpec and Capybara in Rails applications, ensuring smooth performance in CI/CD pipelines.
- Simplified frontend architecture and improved page load speeds by 20% by reducing JavaScript reliance and using Hotwire and Turbo.
- Designed distributed messaging systems using Kafka, improving real-time financial transaction handling, reducing latency by 35%, and increasing throughput.
- Applied gRPC and Protobuf to build highly scalable microservices architectures, enhancing service-to-service communication and overall system scalability.
- Automated Kubernetes deployments using Helm templates, reducing downtime by 15% and streamlining deployment processes.
- Refactored large Rails application components using SOLID principles, improving scalability and maintainability by 25%.
- Mentored junior developers, fostering best practices and collaborative strategies, leading to a 20% increase in team productivity.

## Senior Full Stack Developer

One-Stop Digital Marketing Solution | Jun 2018- Aug 2022 | San Francisco, CA

- Led development teams in creating scalable front-end applications using React.js, Next.js, Angular, and Vue.js, leveraging reusable components and advanced state management techniques like Redux and Context API. Performance improved by 30% through techniques such as code splitting, lazy loading, and tree shaking.
- Directed the migration of multiple applications from Angular and Vue.js to React, enhancing both scalability and maintainability. The introduction of React Router ensured seamless navigation within single-page applications, reducing page load times by 20%.
- Designed and delivered high-performing back-end services utilizing PHP, Laravel, C#, .NET Core, Python, Django, and Go, streamlining business operations and efficiently managing complex processes.
- Built and fine-tuned RESTful APIs and GraphQL endpoints with PHP, C#, and Python, improving data communication between front-end and back-end systems, which led to a 25% reduction in API response times.
- Created and optimized AI-driven prompts to automate business processes, focusing on enhancing user experience and integrating operations with AI tools like Copilot and ChatGPT.
- Worked closely with business managers and developers to design tailored AI solutions that streamlined category management, buyer strategies, and contract generation, resulting in enhanced process efficiency.
- Automated various business reporting tasks and Excel file compilation using AI-based tools, reducing manual workload and improving operational efficiency.
- Identified and resolved issues in AI prompt performance, troubleshooting and optimizing for better system functionality and accuracy, resulting in more reliable outputs.
- Authored detailed documentation for AI solutions and processes for ensuring consistent knowledge sharing and supporting the maintenance of efficient workflows.
- Stayed informed about cutting-edge advancements in AI, applying best practices and the latest technologies to maintain competitive and innovative AI solutions.
- Enhanced database performance, managing systems such as SQL, MySQL, PostgreSQL, and MongoDB, using advanced query optimization techniques to reduce execution times by 40%, while ensuring smooth handling of millions of transactions.
- Deployed and managed full-stack applications on AWS, Azure, and Google Cloud using Docker and Kubernetes. This automated CI/CD pipelines with GitHub Actions, Jenkins, and Helm, cutting deployment times by 50% and minimizing downtime.
- Successfully migrated legacy Java codebases to Kotlin, improving code readability and reducing boilerplate, which resulted in a 20% reduction in maintenance efforts.
- Implemented advanced Rails features such as custom validations, callbacks, and concerns, which streamlined business logic and improved code reuse, reducing development time across modules by 25%.

- Developed optimized RESTful APIs for secure, efficient data handling between client and server, enhancing performance by 30%.
- Integrated third-party services like payment gateways and cloud storage to enhance application functionality, leading to a 30% boost in operational efficiency.
- Leveraged profiling and refactoring techniques, including caching strategies and background job management, to optimize performance and reduce server loads.
- Deployed Redis caching, effectively reducing server strain and significantly improving response times under high traffic.
- Built and integrated event-driven architectures using Kotlin and Kafka, enabling real-time data processing and reducing latency by 30%.
- Managed cloud infrastructure across AWS, Azure, and Google Cloud, optimizing for high availability, cost efficiency, and security, reducing hosting costs by 15%.
- Created high-performance microservices with Go, connecting efficient back-end services with React front-ends, resulting in a 35% improvement in response times.
- Established robust version control systems with Git and GitHub, improving development speed by 20% through optimized branching strategies and streamlined workflows.
- Designed and implemented comprehensive testing strategies using Jest, Cypress, and XUnit, achieving 90% code coverage and reducing production bugs by 30%.
- Conducted thorough performance and load testing with Apache JMeter, while ensuring back-end systems could handle peak loads without downtime while increasing front-end scalability by 25%.
- Optimized MongoDB databases by implementing indexing strategies that boosted query performance, reducing response times by 35% during peak traffic.
- Applied Redis for caching, effectively reducing database load and improving application response times by 30% during traffic surges.
- Enhanced SQL, MySQL, and PostgreSQL performance through advanced query optimization techniques, improving transaction handling for large datasets by 20%.
- Secured APIs and back-end systems with OAuth2 and JWT, while ensuring robust security protocols for sensitive data across PHP, Python, and C# environments.
- Led the development of CI/CD pipelines with GitHub Actions, Jenkins, and GitLab CI, automating testing, linting, and deployment workflows, which increased development efficiency and maintained seamless continuous delivery.
- Conducted end-to-end testing with Cypress for front-end components and Postman for API functionalities, while ensuring full test coverage and reducing post-deployment issues by 30%.
- Streamlined front-end build processes by optimizing webpack and Babel configurations, reducing bundle sizes by 40% and improving load times for React, Angular, and Vue.js applications.
- Managed Git workflows and repositories on GitHub and GitLab, improving team collaboration and release management through continuous integration pipelines and Git Flow branching strategies.
- Collaborated with DevOps teams to configure Kubernetes clusters and deploy applications across AWS, Azure, and Google Cloud environments, automating scaling and load balancing to cut deployment times by 35%.
- Monitored real-time performance with New Relic, Prometheus, and Grafana, identifying and addressing system bottlenecks, which resulted in a 10% improvement in system uptime.
- Developed full-stack applications by integrating front-end frameworks (React, Vue.js, Angular) with high-performance back-end systems built in Go, Python, C#, and PHP, ensuring seamless, responsive user experiences.
- Mentored junior developers in cloud deployments, full-stack development, and database optimization, improving their proficiency by 25% and fostering best practices in code quality and collaboration.

## **Junior Ruby on Rails Developer**

Tech Innovators Inc | Mar 2015- May 2018 | New York, NY

- Engineered and maintained robust web applications using Ruby on Rails, handling full-stack development responsibilities that contributed to the successful delivery of new products and features. Leveraged Git and GitHub for version control, streamlining team collaboration and improving workflow efficiency.
- Spearheaded the creation of new Ruby on Rails applications, taking charge of the entire software development lifecycle—from initial requirements gathering to design, development, and deployment—resulting in a 15% faster project turnaround.

- Boosted application performance by utilizing Rails' built-in tools, including ActiveJob and ActiveSupport, for background processing, caching, and internationalization. Integrated Redis and Sidekiq to automate background tasks, cutting task processing times by 30%.
- Partnered with front-end teams to integrate Ruby on Rails back-end services with dynamic user interfaces, ensuring smooth API communication through RESTful APIs and GraphQL, which enhanced user engagement by 20%.
- Designed and optimized SQL-based relational databases like MySQL and PostgreSQL, ensuring scalability and data integrity. Used MongoDB for NoSQL storage, reducing query execution times by 25% for unstructured data.
- Architected complex back-end systems, applying advanced Ruby on Rails features such as service objects and decorators, improving code maintainability and scalability while reducing maintenance overhead by 20%.
- Contributed to managing RESTful resources and controllers, ensuring efficient data transactions through optimized SQL queries that boosted application performance by 15%.
- Deployed containerized applications using Docker and Kubernetes, enhancing scalability and service management within cloud environments on AWS and Azure.
- Implemented CI/CD pipelines with GitHub Actions, GitLab CI, and Jenkins, automating testing and deployment for Ruby on Rails applications, increasing deployment speed by 25% and ensuring high-quality code releases.
- Optimized both relational (SQL Server, MySQL, PostgreSQL) and NoSQL (MongoDB) databases, enhancing data integrity and query speed, resulting in a 30% boost in overall application responsiveness.
- Automated deployment processes using Capistrano and GitHub Actions, reducing manual intervention and increasing the speed and reliability of application rollouts.
- Led test automation efforts with tools like RSpec, Capybara, Selenium, and Postman, significantly reducing post-deployment issues by 40% through comprehensive testing integrated into CI/CD workflows.
- Worked closely with senior developers to resolve bugs and conduct code reviews, improving code quality and fostering a collaborative environment through efficient branch and pull request management in Git.
- Mentored junior developers in Ruby on Rails best practices, contributing to higher team productivity and quality standards, leading to a 15% increase in overall team performance.

## Web Developer Intern

Upwork and Freelancer | Feb 2014- Feb 2015

- Built dynamic and interactive web applications using JavaScript (ES6+) with frameworks like React and Vue.js, applying modern best practices to create responsive and user-friendly interfaces, which boosted user engagement by 20%.
- Enhanced front-end performance by introducing lazy loading, code splitting, and tree shaking techniques, reducing page load times by 30% and significantly improving the user experience in JavaScript-driven applications.
- Integrated RESTful APIs and WebSockets to support real-time data updates in JavaScript applications, improving client-server communication and boosting data synchronization by 25%.
- Implemented state management solutions such as Redux and Vuex for complex JavaScript projects, while ensuring predictable state behavior and reducing debugging time by 15%.
- Achieved 90% code coverage with unit and integration tests written in Jest and Mocha, which helped reduce production bugs by 30% during development.
- Developed scalable back-end services in Node.js, following asynchronous programming best practices to ensure high performance and low latency for API-based applications.
- Streamlined API communication by implementing and optimizing RESTful and GraphQL APIs in Node.js, cutting response times by 20%.
- Boosted Node.js application performance by optimizing event loops, leveraging Redis for caching, and using clustering, reducing response times by 35% under heavy traffic.
- Integrated databases like MongoDB and PostgreSQL with Node.js applications using ORMs such as Mongoose and Sequelize, which improved database efficiency by 25%.
- Automated deployments of Node.js applications to cloud platforms like AWS and Heroku using Docker, and managed scalability through AWS Lambda and EC2, cutting deployment times by 40%.
- Led development efforts for dynamic websites and web applications using Drupal, focusing on modular and scalable solutions, which led to a 15% increase in user retention.

- Created custom Drupal modules and themes, integrating third-party services and APIs to extend functionality, meeting business requirements and enhancing platform capabilities.
  - Migrated content from other CMS platforms to Drupal, ensuring data integrity and improving workflow efficiency by 20% through the use of Drupal's advanced content management features.
  - Implemented content workflows and user permission structures in Drupal to facilitate multi-user collaboration, increasing content management efficiency by 30%.
  - Developed single-page applications (SPAs) with Vue.js, React, and Angular, improving interactivity and performance, which resulted in a 25% rise in user retention.
  - Built responsive websites using React.js, Angular, Vue.js, and Next.js, boosting website traffic by 20% and enhancing user engagement across multiple client platforms.
  - Integrated RESTful APIs into Vue.js, React, Angular, and Next.js applications, supporting real-time data updates and improving user experience, leading to a 30% increase in user satisfaction.
  - Incorporated third-party libraries and plugins into Vue.js, React, Angular, and Next.js projects, reducing development time by 20% while enhancing functionality and scalability.
  - Built reusable components for Vue.js, React, and Angular projects, which reduced development time by 15% while maintaining UI/UX consistency across different applications.
  - Optimized Vue.js, React, and Next.js applications using techniques like lazy loading and code splitting, achieving a 30% improvement in load times and overall performance.
  - Designed and developed responsive web applications using Bootstrap, ensuring cross-device compatibility and reducing bounce rates by 15%.
  - Worked closely with designers to implement visually appealing layouts using Bootstrap's grid system, enhancing site usability and improving the overall user experience.
  - Implemented offline capabilities using Service Workers, reducing bounce rates by 15% and improving engagement for users in low-connection environments.
  - Streamlined workflows for clients by integrating APIs and utilizing automation tools like Zapier and Webhooks, increasing efficiency by 25%.
  - Conducted cross-browser testing to ensure consistent functionality across all browsers, reducing support issues by 25%.
  - Refactored legacy code to meet modern JavaScript standards, improving maintainability, scalability, and reducing technical debt by 20%.
  - Collaborated with backend teams to optimize API performance, reducing user wait times and improving overall user experience by 20%.
  - Developed custom WordPress themes and plugins tailored to client needs, which improved site performance and SEO rankings by 30%.
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## Education

### Bachelor's Degree in Computer Science

University of California, Berkeley – May 2014

- Gained a solid foundation in computer science principles, including programming, algorithms, data structures, and software development methodologies.
- Completed coursework in advanced topics such as web development, database systems, and software engineering.
- Engaged in practical projects and collaborative work, enhancing problem-solving skills and technical expertise.

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## Languages

- English (Fluent)
  - Chinese (Advanced)
  - French (Conversational)
  - Japanese (Conversational)
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