

Christopher Willever

Software Engineer(Ruby on Rails)

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SUMMARY

- Bachelor's degree in Computer Science, Engineering and Applied Mathematics.
- 8+ years of experience in software development and proven experience with programming languages including Java, C#, Python, Ruby and Ruby on Rails.
- Designing and implementing REST APIs for seamless data exchange between the company's core application and external data services, enhancing data accessibility and interoperability using Ruby on Rails, significantly improving data handling efficiency.
- Experience working with Sidekiq, RSpec and other common RoR libraries, Elasticsearch and Solr, pub/sub architectures using RabbitMQ, Kafka and Amazon MQ.
- Good knowledge of relational databases such as PostgreSQL and MySQL, and experience with Kubernetes, Docker and Redis
- Developing and deploying with Github, CICD pipelines with Circle.ci or Jenkins, AWS, GCP, Microsoft Azure.
- Proficiency working in Agile or Scrum environment, building RESTful APIs, GraphQL APIs and Websocket endpoints, and working with external APIs.
- Working proactively with the product and UX teams to refine and iterate on specifications as features take shape.
- Strong knowledge of modern web technologies, including HTML, CSS, and JavaScript (React/Next.js, Vue.js and Typescript).
- Investigating slow performance and optimizing queries to ensure the product is snappy and satisfying to use.
- Proficient in implementing and managing Security Information and Event Management (SIEM) solutions to monitor and analyze security events across the organization's infrastructure.
- Experience reviewing code and mentoring, and excellent problem-solving skills and a love for technical challenges.
- The ability to work effectively in a team, communicate clearly and concisely, manage time effectively and work on multiple projects simultaneously.

SKILLS

Ruby, Ruby on Rails, Rspec, PostgreSQL, MySQL, MongoDB, Redis, Sidekiq, Kubernetes, Docker, HTML, CSS, Javascript, React/Next.js, Vue.js, Typescript, TDD, BDD, Git, CircleCI, Jenkins, AWS, GCP, Microsoft Azure, REST API, C#, Java, Python

EDUCATION

Bachelor's in Computer Science
The University of Tokyo

Sep 2012 – Aug 2015

LANGUAGES

English

Japanese

PROFESSIONAL EXPERIENCE

Ruby on Rails Engineer

Jan 2021 – Apr 2024

Paypal

San Jose, CA

- Developed and maintained several key features for PayPal's web platform using Ruby on Rails and React, resulting in a 30% increase in user engagement.
- Spearheaded a project to revamp the existing infrastructure, resulting in a 50% increase in application scalability.
- Optimized existing codebase, reducing page load times by 25% and enhancing the overall user experience.
- Built some pages and reusable components using React in frontend.
- Collaborated with cross-functional teams to design and implement robust payment gateways, processing over 1 million transactions monthly.
- Actively participated in Agile development cycles, consistently delivering new features ahead of schedule by an average of 10%.
- Implemented Terraform scripts to automate the deployment of cloud infrastructure, resulting in a 50% reduction in deployment time.
- Configured AWS lambda and Kubernetes deployments and services to manage the application's scalability and availability, utilizing horizontal pod autoscalers to handle variable traffic loads efficiently.
- Also implemented pages and reusable components using React/Next.js and Figma design, and fixed bugs in the platform.

Ruby on Rails Engineer

Oct 2015 – Dec 2020

MPS

Austin, Texas

- Designed and developed a system to automatically detect and report parking violations, reducing the number of parking citations that needed to be manually issued by 90% and improving compliance rates.
- Designed and implemented a new API endpoint that reduced response times by 50%, resulting in a significantly improved user experience.
- Worked closely with the product team to identify customer pain points and provide technical solutions, resulting in the successful launch of several new features and products.
- Implemented automated testing and continuous integration processes that reduced the number of bugs in production by 80%, saving the company both time and resources.
- Developed and maintained a highly scalable and efficient database schema, ensuring optimal performance of the application even under heavy loads.
- Provided 80% of our services with complete translations and localization.
- Implemented a CI/CD pipeline using Azure DevOps, automating build, test, and deployment processes, which reduced deployment time by 50% and improved team productivity.
- Implemented the migration of the platform to rails 6.

INTERESTS

Playing tennis