Brandon Jason Valle Tamayo

Ruby on Rails Engineer

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Summary

Brandon is a Lead Backend Developer with a degree in Information Engineering and a specialization in Ruby on Rails (RoR) and Test-Driven Development (TDD). With over seven years of experience in software development, he has consistently delivered high-quality and efficient solutions across diverse industries. His expertise spans upgrading Ruby and RoR versions, refactoring core functionalities, improving system performance, and implementing scalable solutions for both monolithic and microservices architectures.

Proficient in technologies such as Python, PHP OOP, JavaScript, Docker, Ansible, GHA and GitLab CI/CD, Brandon is a versatile developer who adapts seamlessly to evolving frameworks and requirements. His passion for TDD methodologies ensures reliable, secure, and maintainable software, while his collaborative approach drives innovation and success within teams. Brandon's technical acumen and problem-solving capabilities make him a valuable asset for tackling complex projects in dynamic environments.

Technical Expertise

- Ruby & Ruby on Rails - Upgrades, Refactoring, Performance, Scalability
- Python with Flask and Django
- Test Driven Development, Behavior Driven Development

Work Experience

Ruby on Rails Engineer   Jun 2023 – Present
Turing - Acorns Inc · Remote (United States)

- Upgraded a Ruby on Rails application (monolithic and microservices architectures) from version 5 to 7.1, including upgrading Ruby from 2.5 to 3.3, ensuring compatibility and optimal performance.
- Resolved issues with deprecated gems to maintain application functionality during upgrades.
- Improved development workflows by assisting in migrating CI/CD jobs from Jenkins to GHA.
- Enhanced the system's architecture and deployment processes using Ruby, Rails, Ruby Gems, and GraphQL.
- Contributed to Java upgrades to support integrations and maintain system stability.

Skills: Ruby on Rails, Ruby, ActiveRecord, Gems, GraphQL, Architecture

Ruby on Rails Engineer   January 2023 – Present
Agile Testing Fellow - Remote (United States)

- Improved SEO website by 20%.

- Identified ideas to improve system performance and impact availability.
- Upgraded Ruby versions and Ruby on Rails versions.
- Migrated to Sidekiq.
- Improved code by adding tools for code smells.
- Enhanced core functionalities.
- Upgraded Ruby version up to 3.3.
- Upgraded Rails version up to 7.0.

Technologies: Ruby, Ruby on Rails, Docker, AWS, MySQL.

Senior Ruby Software Developer   February 2022 – January 2023
Believe Solutions LLC (Bolivia) - Folionet LLC (USA)

- Covered 50% of tests.
- Enabled continuous integration at 100%.
- Wrote well-designed, testable, and efficient code.
- Fixed 100% of bugs with external services.
- Documented and demonstrated solutions by developing documentation, flowcharts, layouts, diagrams, and clear code.
- Integrated banking at 90% with Modern Treasury.
- Added 4 cron jobs to solve human tasks.

Technologies: Ruby, Ruby on Rails, Docker, AWS.

Senior Software Developer   June 2019 – November 2022
Trending Technology Services GmbH (Berlin – Germany)

- Created an invoice system from scratch.
- Maintained product quality by carrying out reviews, performing continual tests, analyzing feedback, and managing software integration.
- Designed, coded, and supported software solutions that adapt to dynamic situations.
- Created test suites to assess product functionality and performance.
- Built extensive test coverage for all new features, reducing customer-reported bugs by 30%.
- Implemented CI/CD with Ansible and GitLab, reducing human deployment processes by 100%.
- Served as the lead developer for more than 3 years.

Technologies: Python, Django, Ruby, Ruby on Rails, Docker, Ansible, AWS, GitLab, Stripe, JWT, PostgreSQL, Jira, React Native.

Senior Backend Software Developer   November 2020 – February 2022
Muquo Games SL (Sevilla – Spain)

- Built a module in Python using TDD and achieved 100% test coverage.
- Created 3 automated tests with Selenium to run daily in GitLab.
- Increased data-saving and retrieval performance from 27 seconds to 7 seconds using recursive functions in PostgreSQL.
- Led the backend team.

Technologies: Python, Flask, AWS, Pytest, Selenium, GitLab.

Consultant Software Developer   June 2019 – Present
bjvSoft.net (Santa Cruz – Bolivia)

- Mentored junior software developers on design patterns, development best practices, and DevOps trade-offs.
- Designed and guided the creation of 2 SaaS systems.
- Collaborated with Product Managers to identify minimum viable product requirements and defined feature sets into well-scoped user stories for individual team members.

Technologies: Python, Django, Ruby, Ruby on Rails, Docker, AWS, GitLab, React Native.

Software Developer   July 2016 – June 2019
Ticketeg S.R.L. (Santa Cruz - Bolivia)

- Collaborated on the development of an accounting system and warehouse using Ruby and Rails.
- Developed application prototypes and participated in client meetings.
- Worked with a team of IT professionals to develop proprietary, secure, and web-accessible databases.

Technologies: Python, Django, Ruby, Ruby on Rails, Docker, AWS, GitLab, React Native.

Education

Gabriel Rene Moreno Autonomous University   2011 – 2018
Bachellor in Computer Science

School of Engineering - UAGRM   June 2024 – Present
Master's Degree in Data Science & AI

Complementary Experience

Agile Testing Days 2019 Conference - Potsdam, Germany
Speaker
Agile Testing Days 2022 Conference - Chicago, USA
Speaker

Languages

- Spanish: Native

- English: Advanced

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