

JUAN A. SERRANO

Senior / Lead Developer

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JOB OBJECTIVE

- Boost the company's growth with my knowledge.
- Be part of the product roadmap and strategy whilst delivering excellent technical development and innovation.

Linkedin profile: [linkedin.com/in/juan-serrano-0622a711](https://www.linkedin.com/in/juan-serrano-0622a711)

DEMO CODING CHALLENGES

Ruby

https://github.com/cannyedge34/underground_system

<https://github.com/cannyedge34/products-price-scanner>

https://github.com/cannyedge34/user_status_checker

Rust

https://github.com/cannyedge34/payment_system_coding_challenge

Youtube channel: <https://www.youtube.com/channel/UCigSfjLNy8NQDRPUTJm3TBg>

TECHNICAL SKILLS

Senior: Ruby/Rust SOLID, Ddd, Microservices, Kafka/RabbitMq, TDD with RSpec/Capybara/EmberQunit, Bugsnag, Rollbar, Datadog and Heroku/Aws.

EXPERIENCE

Senior Ruby/Rust Backend Engineer

Ifeel

<https://ifeelonline.com/>

Present

The task at this company is migrating the old monolith with the Packwerk gem to a more modular structure and improving the technical debt of the old monolith, in addition to implementing new features and resolving a large number of bugs. I work on two teams simultaneously, scheduling/end-user, helping the product/mobile/QA teams defining/grooming tasks, breaking down large tickets into smaller stories to improve the delivery rate with high code quality and introducing as few bugs as possible into production. I also review pull requests/merge requests from other colleagues on other teams and help when they have blockers.

Senior Ruby/Rust Developer (Rails/EmberJs)

Pulse Usa

<https://www.satchelpulse.com/>

January 2023 - July 2025

Building modules as Sip Strategic Plans. Applying TDD (Technical Design Documentation and Test Driven Development) to create the assessment calculation service. Designing Integrations for USA Schools/Districts with other third party apis such as ClassLink/Clever.

Migrations from Legacy (Rails Monolithic) to an event-driven architecture! reducing the endpoints latency (removing big sql queries with a lot of joins) to a few milliseconds with materialized views/projections (ready only) for the **Assessment Calculation Service (Rust service)**.

Senior Ruby Developer

Out.fund UK

2022-2023

London, UK, <https://out.fund/> Tasks: Migration from core-app (big rails monolithic) to an event driven architecture, creating/designing microservices as (revenues, arrears, categorization, verification...) using kafka/confluent (DeliveryBoy and RaceCar libraries).

Also, I was designing/implementing integrations with third party apis such as Xero, Modulr, Rutter and Plaid and improving legacy code and technical debt of the old monolithic using SOLID principles for micro/macro design doing TDD with Rspec. Reviewing pull requests and pair programming with peers was a regular job every day and tech-guild/retro once per week.

Squad of 2 devs, no PM/QA guys. Support/Fixing bugs with Datadog software.

Senior Full Stack Developer, Ruby + EmberJs

London, UK, <https://neeto.io/>, <http://teamsatchel.com>

2019-2022

Marketing leading education software start-up. I've been working on **Satchelone**, and **Neeto** building critical modules such as **Seating**, **Attendance**, **Detentions**, **Behaviors**... modules url <https://www.teamsatchel.com/products/satchel-one.html>, Reviewing pull requests and pair programming with peers was a regular job every day. Squad of 2 devs, one PM and one QA guy. Retro meeting once per 2 weeks.

Senior RoR Developer

Nosolosoftware <https://github.com/nosolosoftware>

2015-2018

Scrumbot 1 year and 5 months

- This project is made to measure the productivity of employees with scrum methodology.

Technologies: Ruby on Rails 5/Vue.Js.

- Tasks: Project search engine with Mongoid, Api Rest to connect Scrumbox with Slack and Mattermost, Authentication system with Ldap, Frontend metrics for Sprints/Tasks/Projects with E-charts. New Vuejs components to the platform.

- Customer: Nosolosoftware.

Mid Level/Senior RoR Developer

Insanity 1 year and 2 months

- This project was a huge a platform to integrate all services from 99design/Upwork/Freelancer. Technologies: Ruby on Rails 4/Reactjs
- Tasks: Integration Api to Connect all 3 platforms. Authentication system with Microsoft Azure Api.
- Customer: NTT/Japan.
- Team: 4 developers.

Junior RoR Developer

Api Redsys/Sermepa 8 months

- This project was made for a contractor of Santander Uk to integrate and documentate Redsys/Sermepa payment System with specific software of Santander Platform.
- Technologies: Ruby on Rails 3.
- Customer: Santander Uk.
- Team: 3 developers.

HONORS AND AWARDS

Badajoz List of Maths Distinguished Students: Fall 2000-Spring 2001

Youtube channel: https://www.youtube.com/c/2guitarras_com

EXTRACURRICULAR ACTIVITIES

- I teach neighborhood children all kinds of new techs like javascript, Vue, React, Ruby on Rails and I help by volunteering to chronic pain associations since 2013.
- Marginalized Teenagers Lead/Counselor for the social integration of excluded groups since 2006.