

# Rafael da Silva Jesus, 29

Senior Software Engineer - SP, Brazil

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Fluent in English and  
Spanish

I am passionate about building high-quality code, high-performance and well-architected applications.

I had the opportunity to architect from scratch large backend(REST API's json/xml/soap) applications in Nodejs and Java,

And also designed large single page applications in Backbonejs and Angularjs,

My current project is a high-performance e-commerce application running on Heroku with the coolest addon's available out there.

I would love to work with apps that requires:

- Non blocking IO, Reactive, Event driven, Scalable, Resilient and Fault-tolerant
- Functional Programming
- Microservices architecture
- Polyglot development Nodejs, Go, Ruby, Clojure, NoSQL

I do my best to write code for human read and use the best tool for the job

## Experience

### Software Architect

GSW Software

**November, 2012 - Current**

- Revamp(Design and architect from scratch)  
E-commerce Platform for thousand of Aircraft Parts

. Backend Node.js v-5.1.0 (express, koa, co, wascally, mongoose, bluebird, mocha, supertest, gulp, etc...), Rabbitmq, Mongodb, Elasticsearch, Redis, Pusher  
. Frontend Marionette.js, Backbone Radio, Requirejs, AMD, mocha, chai, Karma, Gulp, Sass

. Infra/CI - Heroku, Librato, Papertrail, Codeship, Vagrant, Git

- eRepair(Design and build from scratch)  
Tool for Aircraft Repair. Java, HornetQ, Spring(Data, MVC, WS, Security) REST, SOAP, Oracle SOA/OSB, Angular, Grunt, Jasmine, Hudson, Sonar

- ePool  
Salesforce, Javascript, REST, SOAP

- Fasce  
Parts Inventory Management  
Java, JSF, Richfaces, Highcharts, Javascript, Spring(web-flow, ldap, security) SOAP, JMS, Oracle, JBoss5

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## Software Engineer

Vitae Futurekids

**March, 2012 - October, 2012**

- Salute(Design and build from scratch).

Service management and care of public health.

. Backend Java, CDI, VRaptor, JMS, MySQL, Selenium, Hudson, Tomcat

. Frontend Primefaces, JQuery and JSF

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## Software Developer

SIMOVA

**July, 2011 - March, 2012**

- ConstruMobil

Mobile app for management of civil construction and agricultural sector

. Backend Java, Spring, Struts2, Hibernate, SQLServer, Tomcat.

. Frontend JQuery

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## Freelance (Remote)

Jackrabbit mobile

**February, 2014 - March, 2014**

Draw a new lightweight backbone architecture without any plugins for their mobile team

## Education

### Analysis and Systems Development

Veris IBTA

**January, 2011 - January, 2013**

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### CSM - Certified Scrum Master

Scrum Alliance

## Skills

### Nodejs

koa, express, co, bluebird, async, socket.io, sequelize, mongoose, ramda, lodash, mocha, chai, sinon, cucumberjs

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## Javascript

backbone, marionettejs, angular, coffescript, amd, requirejs, browserify

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## Ruby

Rails, Sinatra, EventMachine, Celluloid, JRuby, Rubinius, RSpec, Capybara

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## CI / Devops

Codeship, Circleci, TravisCI, Jenkins, Git, Ansible, Vagrant, Librato, Papertrail

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## Databases

Mongodb, Couchdb, Redis, PostgreSQL, MySQL, Oracle

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## Queues

ØMQ, RabbitMQ, JMS, HornetQ, NSQ

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## Java

VRaptor, Play, Spring(Core, Data, IoC, Event, AOP, MVC), JAX-RS, CDI, Vert.x, Akka, Netty, Mockito, Selenium

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## Cloud

Heroku, Elastic Beanstalk, Digital Ocean, Openshift

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## Code

### Easy Schedule

<https://github.com/rafaeljesus/easy-schedule>

Nodejs, koa, co, redis, node-schedule, co-mocha, chai, CircleCI

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### Pagarme Client

<https://github.com/rafaeljesus/pagarme-node>

Node.js client for Pagarme web site

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### Agile2Go

<https://github.com/rafaeljesus/agile2go>

Rails, Backbone, Semantic UI, Firebase, Mongodb, Elastic Beanstalk, Travis CI, Code Climate.

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## **International Experience**

(2005 - 2006) Lagos, Portugal

(2006 - 2007) Palma de Mallorca, Spain

(2008 lived on a Sail Boat) Caribbean

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## **Courses**

Deploy for Developers - <http://howtocode.com.br/cursos/deploy-para-desenvolvedores>

Meet Ansible - <http://howtocode.com.br/cursos/ansible>

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## **Latest 3 books**

- High Performance Browser Networking

- Node.js Design Patterns

- Functional Javascript

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