

# Rodrigo Lopes Rincon

*Software Engineer living in Brazil*

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*Always attentive to code quality and good practices. Lover of agile development and a good chocolate milk.*

## Academic Background

2009–2015 **Bachelor's Degree**, Software Engineering by University of Brasília (UnB).

2010–2013 **Technical Degree**, Computer Graphics course by the School of Art, Game and Animation (SAGA).

## Professional Experiences

September **Internship**, Bank of Brazil.

2013–July Maintenance and evolution of Java web systems used by agencies outside the country.

2014 Tasks performed:

- Refactoring and evolution of Java web systems;
  - System modularization;
  - Bad smells code cleanup;
  - Development of new functionalities;
- PostgreSQL database maintenance;
- Started the development of a Java RESTFull API for access to data from the national headquarters database;
- Frameworks and technologies used:
  - JSF;
  - framework FreeMarker;
  - PostgreSQL;
  - SVN;
- Contact: Carlos +55 6198477-2967.

July 2015– **Co-founder**, Coremaster.

December Co-founder of a small-scale company focused on the development of institutional websites and the structuring and security of computer networks. I left the company due to disagreements about the business vision with the founder.

2015

Tasks performed:

- Website development in HTML5 and CSS3;
- Planning of the company's digital marketing strategies;
- Management of the company's cash flow;
- Frameworks and technologies used:
  - JQuery;
  - Bootstrap;
  - Wordpress;
- Contact: Rafael Cançado +55 6198102-8023.

April 2016– **Ruby on Rails e Nodejs developer**, Preditiva.

December 2016 Web developer in the startup, developing new features, solutions for continuous delivery and communication with the hardwares installed in the client.

Tasks performed:

- New features in the web system;
- Fixes and improvements in the MVP;
- Solutions for continuous delivery;
- Real-time communication with the hardwares installed in the clients using Nodejs;
- Development of landing pages to validate ideas with HTML5 and CSS3;
- Integration of landing pages with Google Analytics and Google Ads;
- Frameworks and technologies used:
  - Ruby on Rails;
  - Scrum;
  - JQuery;
  - Bootstrap;
  - Nodejs;
  - SemaphoreCI;
  - MySQL;
  - Git;
  - Google Analytics and Google Ads;
- Contact: Luiz +55 6199203-3355.

- December **Ruby on Rails developer**, AIS Digital.
- 2016–Today Developing and maintaining systems for large clients, such as Bank of Brazil and Altran. Participation in international projects, since the direct communication with the client, surveying its needs and providing their resolution.
- Tasks performed:
- System development from the beginning and maintenance of legacy systems in Ruby on Rails;
  - Estimate and project the effort and the impact of new features in the projects;
  - Implementation of Scrum and Kanban in the teams in which I participate;
  - API development for communication with frontend and mobile apps;
  - Implementation of CI and CD solutions, code analysis and breaks monitoring;
  - Direct communication with the client: answering calls, being allocated inside the clients and making survey of needs and bugs with the national and international clients;
  - Project documentation, API and processes;
  - Frameworks and technologies used:
    - Ruby on Rails and Capistrano;
    - Scrum and Kanban;
    - JQuery;
    - Backbone JS;
    - Vuejs;
    - MySQL and PostgreSQL;
    - Docker;
    - Git and SVN;
    - Pipeline;
    - New Relic and Sentry;
    - SonarQube and Rubocop;
    - Swagger, Wiki and Confluence;
    - AWS and Jelastic;

## Online Courses

- Network Foundations - CIEE (2008), Bradesco Foundation (2012)
- Information Security - Bradesco Foundation (2012)
- Analysis Structured of Systems - Bradesco Foundation (2012)
- Data Modeling - Bradesco Foundation (2012)
- Software Development Process - Bradesco Foundation (2012)
- Requirements Engineering - Bradesco Foundation (2012)
- Vue.js Essentials - Udemy (2017)

## In-person Courses

- Linux Basic - University of Brasília – UnB (2009)
- HTML for Engineering - University of Brasília – UnB (2010)
- Adobe Photoshop CS4 - SAGA (2010)
- Adobe Illustrator CS5 - SAGA (2010)
- Adobe Dreamweaver CS5 - SAGA (2011)

## Languages

Portuguese Native  
English Intermediate

## Technical Expertises

### Specialties

Languages Java, Javascript, Ruby  
Web Technologies HTML, JQuery, Bootstrap, REST Architectures, Ruby on Rails  
SQL Databases MySQL, PostgreSQL, Oracle  
Methodologies and Practices Scrum, Kanban, XP  
Development Supporting Tools Git, UML, Docker  
Testing Tools Junit, Rspec, Cucumber, Jasmine  
Operational Systems Debian, Windows

### I Know Well

Languages Python, C, C++  
Web Technologies Nodejs, Backbonejs, Vuejs, Apache, Passenger  
Development Supporting Tools Rubocop, Sentry, Pipeline  
Knowledge Areas Software Architecture, Framework Development, Design Patterns, Digital Certificates and Signatures, Symmetric and Asymmetric Cryptography

### Basic Knowledge

Methodologies and Practices RUP, PMBOK  
Web Technologies CSS, PHP, Java web, AWS  
Development Supporting Tools SVN, Capistrano, SonarQube, Vagrant, Swagger  
Knowledge Areas: process Measurement and estimation of costs and deadlines (including function point analysis), Requirements elicitation, Improvement, modeling and software process deployment

Knowledge    OpenSSL, robotics  
Areas:  
development

## ■ Presentations and Projects

- I presented at the Science and Technology Meeting in University of Brasília (ECT 2011) a project of food re-education software for Android system with a prototype demonstration;
- I gave a speech and had an article accepted at the Science and Technology Meeting in University of Brasília (ECT 2011) regarding a project of continued training and appropriate technologies for digital inclusion of disabled and elderly people;
- I participated in the research project Casa Brasil of Adapte (Association for Supporting People with Disabilities) by University of Brasília in 2011, in the area of digital inclusion of disabled and elderly people;
- I participated in a development project in University of Brasília in 2012, in the database and Java development area;
- I participated in the project "Solidarity Carpool" at the University of Brasília from 2013 to 2014, as Java and PHP programmer and responsible for the modeling and implementation of the database;
- I participated in the development of the Adobe Reader plugin for digital signatures validation in PAdES standards of ICP-Brasil at University of Brasília from 2015 to 2016, using OpenSSL and C++ language;
- I participated in the Edubot project at University of Brasília in 2016, teaching basic concepts about programming to high school students through robotics, using an educational kit made from Arduino;
- I participated as a listener in these congresses and technology events: Campus Party (2014, 2015 e 2016), Campus Party Brasília (2017) e Latinoware (2014).