

# Ricardo Godoy de Oliveira

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Software engineer interested in new technologies and modern, automated development pipelines. Eight years of professional experience with ERP systems, and almost a year as a full stack web developer. Furthermore, active member of online communities for enthusiast programmers and beginners, coordinating and collaborating with small web projects.

## Professional experience

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- **Maxiprod** **Porto Alegre**  
*Full Stack Web Developer* *March 2018 – Today*  
Worked on the company's only product, an ERP system with a strong set of features for factories of any kind. It is built with C# (ASP.NET MVC), deployed to AWS and uses Oracle databases. Currently working on redesigning the application's architecture to reduce technical debt and increase overall performance. Initial work has already been showing significant results.
- **HardFun Studios** **Porto Alegre**  
*Full Stack Web Developer* *August 2017 – February 2018 (~7m)*  
Joined the company to help finish a BI system for Instituto Crescer, built with Ruby on Rails, PostgreSQL, deployed to Heroku.  
Helped launch marketing campaigns for the Escolas Conectadas project (Fundação Telefônica/Vivo), transforming Photoshop designs into web pages, optimizing performance for mobile devices and slow networks, implementing A/B tests and analytics tracking (Google, Facebook and other marketing players).  
Also worked for some time on my Bachelor final project, a tool to avoid duplicate content on online courses/forums. Its concepts will later be integrated into a company product.
- **Brassoft** **Porto Alegre**  
*Software Developer* *June 2011 – August 2017 (6y+)*  
Working on the "Next" ERP system, I was the main responsible for the electronic invoicing (NF-e and NFS-e, integrated with municipal and federal services) and billing systems (exchanging information with banks through CNAB 400 and 240 file formats); also worked on every part of the project, dealt with deployments and answered client support calls. Among other activities, wrote the backup scripts (batch and bash) used in client installations, performed data migrations from legacy systems used by new clients, handled internal support calls and organized/authored documentation about our development environment.
- **Brassoft** **Porto Alegre**  
*Software Development Intern* *April 2009 – May 2011 (2y)*  
Initially responsible for superficial parts of the system, like queries and – mainly – reports made with Report Builder. In a short time, I was already working on more critical sections of the project, as well as helping with client support calls. Authored the deploy routine currently in use, which was a manual operation until then.

## Education

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- **Federal University of Rio Grande do Sul** **Porto Alegre**  
*BSc. in Computer Science* *2011 – 2018*
- **Technical School José César de Mesquita** **Porto Alegre**  
*Certificate in Informatics with emphasis on Software Development* *2008 – 2009*

## Knowledge and skills

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- **Programming languages**

Proficient: C#, JavaScript (ES6/Node.js), Ruby, C, Delphi

Advanced: Python, C++, Java, Batch/Bash

Basic: PHP, OCaml/F#, Haskell, among several others

- **Softwares/Frameworks:**

.Net, Entity Framework, Ruby on Rails, Heroku, Linux, ViM, Git, SVN, Travis-CI, TeamCity, Report Builder, Relational databases (DML & DDL), Redis.

- **Languages:**

Portuguese (native), English (comprehension/writing: fluent, speaking: advanced), and Spanish (basic).

## Interests and other activities

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- Part of a small team of moderators in an online community for programmers, the *Programming Discussions*, today with more than twelve thousand members. Our goal is to help beginners, work on small projects of common interest, usually using web technologies (like JavaScript/Node.js and Python/Flask).  
More info: <http://progdisc.club>.

- Big interest in quality metrics, static analysis, continuous integration and development pipeline automation. Always worried about building solutions that require the least effort possible for the user regarding installation and configuration.

## Ongoing projects

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- **ForCA (Rails)**

Web app to evaluate professors of UFRGS INF by the undergrads. It has a legacy version built with web2py (Python), and I'm currently working on making a new version in Rails to ease maintenance and deployment.  
Available at [github.com/rgoliveira/forca](https://github.com/rgoliveira/forca)

- **AwesomeBot (ES6, Node.js)**

A bot for the chat service Discord. Currently being used by the *Programming Discussions* community for some simple tasks and monitoring server activity, but it's being replaced by another one.

Available at [github.com/progdisc/AwesomeBot](https://github.com/progdisc/AwesomeBot)