Ricardo Godoy de Oliveira

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 rgoliveira

Software engineer interested in new technologies and modern, automated development pipelines to meet clients needs with the least effort and cost. Coding professionally for more than 12 years, mainly working on ERP systems.

Professional experience

Maxiprod Informática Industrial   **Porto Alegre, Brazil**
Senior Full Stack Engineer   *March 2018 – Today*
Senior engineer working 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.

- Full stack, C#, ASP.NET MVC, JavaScript, jQuery, Oracle DB, Entity Framework, Redis (cache and custom locks), NUnit, Selenium
- On-board, assist and teach interns/juniors
- Designed and implemented the architecture to support end-to-end tests (Selenium, Page Object pattern); it's been a couple years and it's still being used successfully
- Always pushing the team to reduce technical debt, increase overall performance of the system, automate every repetitive task
- Maintainer of the CI pipeline, Github organization and internal tools/scripts (Python, Powershell, PL/SQL)
- Responsible for the AWS infrastructure (EC2, S3, RDS, CloudWatch, SES, SNS, ...), and application updates, as well as clients' on-premises installations
- Migrated the codebase from SVN to Git (Github), allowing for a better, more flexible workflow and the use of modern tools
- Successfully introduced a migration tool (Liquibase) to replace manual migration scripts (raw SQL stored in a custom in-house system)
- Successfully migrated our CI pipeline from TeamCity to Github Actions; developed an auto-scaling solution for the task runners (Terraform, AWS: API Gateway, Lambda, SQS, S3, EC2 Linux and Windows)

HardFun Studios   **Porto Alegre, Brazil**
Full Stack Web Developer   *August 2017 – February 2018 (∼7m)*
Joined the company to help finish a BI system for Instituto Crescer, successfully taking advantage of the opportunity to consolidate my skills in web development.

- Full stack, Ruby on Rails, Heroku
- PostgreSQL, ActiveRecord, Redis, Resque
- jQuery, React, Vue, Chrome Extensions
- Agile/Scrum, Pivotal Tracker
- Assisted with the launch of market campaigns for the Escolas Conectadas project (Fundação Telefônica/Vivo), transforming Photoshop designs into web pages (Bootstrap/jQuery for rapid prototyping and delivery)
- Optimized load/response times for mobile devices on slow networks (using tools like Lighthouse, load tests and network traffic analysis)
- Implemented A/B tests and analytics tracking (Google, Facebook and other 3rd party players)
- Also worked on my Bachelor's final project, a tool to avoid duplicate content on online courses/forums (its concepts would later be integrated into a company product)

Brassoft **Porto Alegre, Brazil**
Software Developer *June 2011 – August 2017 (6y+)*
Worked on the "Next" desktop ERP system.

- Delphi, Firebird SQL, Report Builder, Windows
- Though I worked on every aspect of the application, 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)
- Client installations and updates
- Personally answered client support calls about developed features (and others if needed)
- Wrote the backup scripts (batch and bash) used in clients' installations
- Planned and carried data migrations from legacy systems used by new clients (through custom scripts and software)
- Organized/authored documentation about the development environment, tools and client setups

Brassoft **Porto Alegre, Brazil**
Software Development Intern *April 2009 – May 2011 (2y)*
Initially responsible for superficial parts of the "Next" ERP system, e.g. SQL 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 phone calls. Authored the deploy routine (a suite of batch scripts) in use (until I left in 2017), which was a manual operation until then.

Education

Federal University of Rio Grande do Sul **Porto Alegre, Brazil**
BSc. in Computer Science *2011 – 2018*

Technical School José César de Mesquita **Porto Alegre, Brazil**
Certificate in Informatics with emphasis on Software Development *2008 – 2009*

Other

Certificação Amazon AWS Cloud Practitioner 2021 **Online**
Udemy course (link) *September 2021*

Knowledge and skills

- **Programming languages:**
  Proficient: C#, JavaScript (ES6/Node.js), Ruby, C
  Advanced: Python, Batch, Bash, Powershell
  Basic: Java, C++, among a few others

- **Software/Frameworks/Services:**
  .Net, Entity Framework, AWS, Heroku, Ruby on Rails, Windows, Linux, Git, SVN, Travis-CI, TeamCity, Relational databases (DML & DDL), Redis.

- **Languages:**
  Portuguese (native), English (fluent).