Contact

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(LinkedIn)
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Top Skills

Ruby
Ruby on Rails
TypeScript

Languages

Inglês (Full Professional)
Português (Native or Bilingual)

Publications

Tag-It - Uma ferramenta de apoio ao
MAC

Patents

SIML - SIMULADOR DE LEILÕES

Lúcio Charallo

Senior Software Engineer at Overgrad
Curitiba, Paraná, Brazil

Summary

Full-Stack Developer with over 10 years of experience in the IT
industry, specializing in programming languages such as Ruby
and Javascript. I have worked extensively with web applications in
different areas like transport service providers, business process
management, CRM.
I enjoy working with agile teams mainly in projects that allow me to
put my knowledge to work in different kinds of business also I like to
maintain an understandable codebase covered by tests and improve
the code quality in projects that I have worked.

Experience

Overgrad
Senior Software Engineer
May 2022 - July 2025 (3 years 3 months)
Chicago, Illinois, United States

Overgrad is a college and career readiness platform working some of the most
innovative school systems in the USA to help high school graduates find high-
quality postsecondary options.

As a senior software engineer, I:
- Upgraded the dependencies of our stack, such as: Ruby, Ruby on Rails,
ElasticSearch, Redis, and PostgreSQL;
- Implemented the CI pipeline using GithubActions;
- Setup on Heroku Review Apps that facilitates validating with the team new
features and changes;
- Developed new features as well as code maintenance.

DevMaker
Senior Software Engineer
October 2021 - May 2022 (8 months)

Devmaker is a software factory for customized mobile and web applications for entrepreneurs as well as large corporations. I worked as a full-stack developer focused on Ruby on Rails, React and React Native.

As a full-stack developer, I:
- Built a wide range of projects from scratch with unique features: HR time clock management system, golf player performance and match management application, niched booking application for religious tourism, hospital shift manager application, supplier invoice management system;
- Was able to understand better and apply new version of Rails.

HeroSpark
1 year 2 months

Technical Lead
January 2021 - October 2021 (10 months)
Brazil

Herospark is an All-in-One Learning Management System platform focused on helping content creators to share and sell their digital products.
It was a fulfilling and challenging experience working to scale such a large system since the company was growing rapidly and we had to develop several new features to keep a constant inflow of new costumers. I had great synergy with leadership and my teammates that within 5 months I was promoted to Tech Leader.

As a tech leader
- Promoted a weekly 30-minute talk about technology and innovation with the entire engineering team to share how we were employing our tools to solve complex issues and the results we were getting from them;
- Created a documentation repository where the team was able to discuss adopting standards for code, APIs, onboarding and infrastructure and further on implement these standards;
- Was responsible for the monthly one-on-one with my team;
- Supported my teammates to follow their IDP (Individual Development Planning);
- Supported HR on new admissions (technical interview);
- Reported performance assessment to management;

Full Stack Engineer
September 2020 - January 2021 (5 months)

HeroSpark is a merger from EadBox e Eduzz, so we had two independent applications and many different features that had to be integrated into a single platform reutilizing as much as we could from the legacy code. Our challenge was to deliver a high-performing, consistent and stable environment to our customer base.

As a developer I:
- Coded in Ruby on Rails and Vue.js;
- Dockerized the development environment to be used by other teams;
- Migrated CI/CD to GitHub actions;
- Implemented Code Climate to improve the general quality of code written and better measure unit testing;
- Created and led a project called HeroDocker which made it easier for developers to integrate and set up different internal applications in a consistent development environment which facilitated communication among themselves as well as onboarding.

Truelogic Software
Software Engineer Technical Lead
October 2019 - April 2020 (7 months)

At Truelogic I worked full-time remotely from a transport service provider project with a team spread in the Americas.

As a Tech Lead, my main activities are:
- Maintain and develop features based on Ruby on Rails using Jquery, Bootstrap, Sidekiq, ActiveAdmin, PgSearch, Stripe.
- Implemented unity tests with Rspec, Capybara to quality improvements, and reduced the number of bugs.
- Refactored a backend code in a search feature using Postgres resources to bring results more consistent and faster and makes a better user experience.
- Lead the implementation of Docker to containerize the application to provide a convenient way for the developers to have local development environments that closely match the production.
- Planned and implemented a Ruby upgrade to improve performance and reduce memory usage of Rails in twenty percent reduced by ten minutes to run all tests in continuous integration.

Technologies employed: Ruby on Rails, Jquery, Bootstrap, PostgreSQL, Redis, Sidekiq, Docker, Heroku, AWS RDS, AWS CloudFormation, Semaphore-CI, Code Climate.

Pipefy

2 years 9 months

Scrum Master / Full Stack Developer
March 2018 - October 2019 (1 year 8 months)
Curitiba, Paraná

I joined Pipefy a year after the seed funding I had the privilege to see my work as a developer along with the other talented teams turn a 32 people company into a global startup used in over 215 countries by leading enterprises such as IBM, Accenture, Visa, Santander, Coca-Cola, and Volvo.

Pipefy is the Work Management platform that empowers do-ers to organize and control their work in a single place, allowing anyone to streamline and automate any process on their own.

As part of the growth team, my main activities are:
- Managed the sprints using Pipefy with the Product Owner to prioritize the experiments with more potential impact and ease to be implemented.
- Mentored new developers to get more productivity and increase the velocity of the team per sprints.
- Maintained the sprint documentation and compiled reports to improve communication between Level-C and Engineering team.
- Developed and maintained A/B Tests based in React with Apollo Client consuming GraphQL APIs to reduce implementation complexity and got a faster time to market.
- Performed and implemented end to end tests using Cypress to Increase reliability.
- Worked with feature flags in A/B Tests and experiments to mitigate the performance risk on the core application.
- Implemented API integrations with WVO, Split.io, LaunchDarkly, Mixpanel, Google Analytics for tracking data, and monitoring the conversion rate also allow the Product Owner to measure the performance of experiments and Test A/B.

Technologies employed: Ruby on Rails, GraphQL, React, Redux, Apollo client, Jest, Cypress, PostgreSQL, Mixpanel, Google Analytics Split.io, WVO, LaunchDarkly.

Full Stack Developer
February 2017 - March 2018 (1 year 2 months)
Curitiba, Paraná

As part of the engineering team, my main activities at Pipefy are:
- Implemented and maintain new features based in Ruby on Rails and ReactJs
- Performed and implemented tests with Rspec and Capibara to Increase reliability.
- Maintained a mobile cross-platform application base in React Native using Expo.io to centralize in a single code base for IOS and Android.
- Improved Ruby on Rails API's in GraphQL to extend features that were used by the web application to mobile apps.
- Worked rewritten a legacy feature from MVP to reduce the complexity and to provide for clients a more stable and consistent service.
- Helped the DevOps team migrate the host of the application to a private cloud environment.
- Worked closely with the support team to increase and velocity to attend the demands of customers and provide a better user experience.

Technologies employed: Ruby on Rails, React, GraphQL, Sidekiq, PostgreSQL, MongoDB, Elasticsearch, Docker, Travis, Heroku, Openshift, React Native, Expo.io.

App Sindicato Dos Trabalhadores Em Educacao Publica Do Parana
Full Stack Engineer
July 2016 - January 2017 (7 months)
Curitiba Area, Brazil

A syndicate of Workers in Public Education of Paraná which represents more than 50,000 teachers promoting better quality education.
My main activities as a Full Stack Developer here include:
- Report implemented API integrations with legacy software that allowed extended functionalities of the CRM.
- Developing and maintain the company's CRM;

Technologies employed: Ruby on Rails, MySQL, Jquery, Bootstrap.

LACTEC
Full Stack Engineer
February 2012 - July 2016 (4 years 6 months)
Curitiba Area, Brazil

Lactec is a technology institute multidisciplinary that pursue results of excellence in research and development projects, technological services, consulting, and training for a wide range of segments.

Development of R&D projects for Electric Power Utilities on the following areas: Smart Grid, Distribution Automation, Energy Efficiency, Computational Intelligence applications.

At Lactec my main activities are:
- Worked with Research and Development in sixteen different projects building solutions for the energy sector.
- Collaborated and implemented a web application based in Java a solution of energy consumption forecasts that increased the level of automation to bring results with trust.
- Worked with an ETL software based in Oracle responsible for collecting historical data of energy consumed to be used in forecasts.
- Designed to developed a web application based in C# and ASP .NET and SQL Server to centralize financial data of hydroelectrics.

Technologies employed: Java SE, C#, ASP .NET, PostgreSQL, Oracle Database, SQL Server.

LEG XX Tecnologia
1 year

Junior Developer
January 2011 - July 2011 (7 months)
Guarapuava, Paraná

Junior Web Developer
August 2010 - January 2011 (6 months)
Guarapuava, Paraná

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Education

UniCesumar
Pós-Graduação lato sensu em MBA em Gestão de Projetos, Business Administration and Management, General · (February 2024 - November 2024)

Universidade Estadual do Centro-Oeste
Bachelor's degree, Computer Science · (2006 - 2011)