

Raphael Barros Parreira

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Summary

- I am a full-stack developer with 10 years of experience. I've worked in software development for robotics, industry, web, and mobile. I've been through different companies sizes, from startups to multinationals, like Siemens. Two projects that make me proud are the whole development of the official Olympics Rio 2016 mobile tourism app, and a personal project where I could apply most of the best practices in software development, Awedash.com. I'm a technology enthusiast, my free time is used for learning new technologies. I'm learning Unity at the moment and making a game just for fun.
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Education

- **Universidade Federal do Rio de Janeiro** - Engineer's degree, Automation and Control (2011 - ongoing)
 - **Colégio de São Bento - Rio de Janeiro** - (1998 - 2010) - 1st ranked Brazilian High School
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Work Experience

- **jun/2022 ~ now** - Senior Full Stack developer on **Seasony** leading a development team for the Application that controls the robot. This App is made in ReactJS, Typescript, and DotNet Core. Besides this role, I am also the middleman between my team and the robotics team, from whom I receive some demands and need to translate them into tasks for the team. My knowledge of robotics is a crucial point in this process. In my role, I also take care of the App's deployment tools, maintaining the CI/CD processes.
 - **aug/2021 ~ may/2022** - Full Stack developer on **Planday** collaborating to improve people's lives all around the world. The main activity was to deal with many APIs, creating and maintaining integrations between Planday and other systems. The system is mainly developed in ReactJS, .Net Core, SQL, RabbitMQ, Docker, and Kubernetes.
 - **feb/2021 ~ jul/2021** - Full Stack developer on **Blue Ocean Robotics**, designing and developing the user and customer portals and the fleet management system as well. This entire system is microservice-based. Developed in NodeJS and ReactJS, using Cassandra, Mqtt, Docker, and Kubernetes.
 - **oct/2019 ~ jan/2021** - Robotics Full Stack developer on **Blue Ocean Robotics** responsible for developing the cognition system (python) and contributing to the UI app (ReactJS).
 - **apr/2019 ~ oct/2019** - Full Stack developer as an external consultant for **Radix Eng**. Developing a webapp that consists of a chemistry factory plant simulator. You could simulate the temperature, pressure, and flow ratios in each stream, selecting the factory elements and connecting them like a diagram in draw.io. Developed in ReactJS and .Net Core.
 - **sep/2016 ~ apr/2019** - Full Stack developer on **Siemens**, working on industrial management software. Developing new software for 4.0 Industry and supporting legacy software for national electrical power systems.
 - **2013 ~ nov/2015** - Internship on **LEAD (COPPE/UFRJ)**. Developing the whole user-base-robot interface of both ROV LUMA and Rail/Inspection robot (DORIS). Responsible for the whole development of video live streaming for both robots. These systems were developed in C++ using ROS and QT. All the communication between nodes was developed using ROS.
 - **2016** - Developed whole backend and frontend for Visit.rio App, **Official Olympics Rio 2016 tourism app**. This app was developed in Ionic (angularJS) and Ruby on Rails.
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Entrepreneurship

- **apr/2017 ~ jul/2019** - Developer and Founder of **Awedash.com**. A social network that aggregates all other social networks, focusing on separate all the content in subjects. Every user can create any page about any subject using any social network. Developed in VueJS, NodeJS, MongoDB.
 - **2015 ~ mar/2016** - Developer and Founder of **Skinsmine.com**. An online betting website focused on e-sports, specifically on CS:GO. Developed in Ruby on Rails, jQuery, NodeJS.
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Languages

- **Portuguese** - Mother Tongue
- **English** - Fluent
- **French** - Intermediate - studied for 8 years but didn't use it.

Technical Skills

- **Programming languages** - JavaScript, C#, Python, C++, Ruby, PHP, and OpenCV
- **Frameworks** - .NET Core, ReactJS, ROS, VueJS, Angular/AngularJS, Ionic, Cordova, Node.JS, Ruby on Rails and Django
- **Others** - Tailwind, Cassandra, Mqtt, PostgreSQL, MySQL, SQL, HTML, CSS, jQuery, Docker, AWS, Google Cloud and Unity