

# João Carvalho

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I'm a software Engineer specializing in web technologies like PHP, NodeJS, React, and WP VIP, with experience as Team Lead and websites and apps with 1M users.

## WORK EXPERIENCE

### EARNEST

Senior Software Engineer | May 2022 - Mar 2023

- Worked on performance and security optimizations
- Updated the code to object-oriented and updated PHP to 8.1
- Migrated site and blog from ACF to Gutenberg (React)
- Participated in the initial work to move the WP to Headless mode
- Development of new functions on critical software
- Performed code reviews and gave feedback to other developers
- Improved and created user stories with a developer view
- Maintenance of in-house developed WordPress themes and plugins

php wordpress ReactJS javascript jenkins docker cypress jest git html  
css rest api nodeJS github

### WIKIMEDIA FOUNDATION

Senior Software Engineer | Sep 2021 - May 2022

- Defined the initial design of the MySQL database of the extension
- Definitions of the system infrastructure, code architecture, and technologies used
- Development of extension used on Wikipedia and other Wikimedia Foundation-managed wikis
- Performed code reviews and gave feedback to other developers
- Participation in UX surveys to identify user needs

php javascript composer git unit testing database design sql mysql

### CNN BRASIL

Tech Lead | Dec 2020 - Sep 2021

Worked as a Tech Lead in an internal team, assisted the managers in hiring developers, and led technical interviews and WordPress code tests

- Performed code quality and performance reviews
- Developed themes and plugins for the company's needs
- Led the migration of a NodeJS-based CMS to WordPress
- Led efforts to increase all portals' performance, increasing performance from 35 to 80-90 points on Lighthouse
- Definition of internal processes and rites, such as estimates, git-flow, and code architecture
- Development of AMP-only pages
- Mentored other developers on the team
- Paired with the SEO team to improve our SEO on the code/technical-side

php wordpress performance html css docker wordpress plugins ReactJS  
javascript nodeJS git github team management rest api

## GRUPO ABRIL

Senior Full-stack Developer | Feb 2019 - Dec 2020

Worked as the principal developer of the effort to update and modernize the Grupo Abril sites, upgrading its PHP version, moving part of the monolith code to object-oriented, and increasing its performance and usability. Worked also with the legacy code to implement new functionalities and prepare the code for future refactoring.

- Refactored the themes of the WordPress portals managed by Grupo Abril, such as Veja and Quatro Rodas
- Increased sites performance and loading speed by approximately 50%
- Created automated tests using Codeception
- Integration with Google products, like AMP Stories and Subscribe with Google
- Performed code reviews and gave feedback to the developers
- Developed and integrated paywall solutions on Grupo Abril websites
- Created automated tests using Codeception
- Managed user authentication with AWS Cognito
- Maintained a Middleware to connect different services, like Piano.io to Grupo Abril websites
- Integrated third-party marketing tools, like e-mail marketing and analytics to WordPress

php

javascript

wordpress

html5

css

docker

vagrant

aws

wordpress theming

## PROTON AGENCY

Full-stack Developer | Jul 2017 - Dec 2018

- Developed themes and plugins for WordPress and OpenCart
- Optimized websites performance with strategies like minifying CSS and Javascript, and lazy-loading images and files

wordpress theming

php

html5

wordpress

css

jquery

## MASTER12 AGENCY

Full-stack developer | Jan 2015 - Jul 2017

- Developed themes and plugins for WordPress and OpenCart
- Optimized websites performance with strategies like minifying CSS and Javascript, and lazy-loading images and files
- Personalized WordPress and Joomla themes with CSS and Javascript

html5

css

javascript

php

woocommerce

wordpress

jquery

## EDUCATION

### FIAP

MBA, Software Engineering | Jun 2020 - Jun 2021

### FACULDADE DAS AMÉRICAS

Technologist, Software Analysis and Development | Dec 2016 - Dec 2018