

# Jorge Ribeiro

SOFTWARE ENGINEER

Dubai - UAE

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*“Choose a job you love, and you will never have to work a day in your life.”*

## Summary

I'm an experienced Full Stack Developer with special interest in backend challenges. Over the past 7 years, I've contributed to revenue growth and streamlined operations for companies through the creation of innovative products that improve people's lives. I'm always seeking new challenges and continuously learning, and my ultimate goal is to create impactful products that make a positive difference.

## Work Experience

### Privilee

Dubai - UAE

SOFTWARE ENGINEER

Nov. 2019 - PRESENT

- Designed and implemented a booking system to manage restricted capacity at our partners during the post-lockdown period.
- Developed and launched an in-app product purchase system, generating AED 1.2 million of revenue as of April 2023.
- Contributed to the development of a scalable discount redemption and spending collection system that has reported AED 8.3 million of spending at our partners.
- Automated the collection of leads generated via Facebook Ads using webhook integration, resulting in higher conversion rates.
- Successfully migrated the payment gateway system from Checkout.com to Stripe with zero downtime, ensuring seamless and secure transactions for our users.
- Contributed with the upgrade of the backoffice system from plain PHP 5 to framework-based PHP 7.4, resulting in improved performance and stability.
- Effectively managed a rapidly growing user base by continuously improving and maintaining our API with consistency.
- Technologies: PHP, Flutter, Vue.js, React, Node, MySQL, MongoDB, Redis, Firebase, Google Cloud Platform, AWS, Stripe, Docker.

### Westwing Brazil

Brazil

FULL STACK DEVELOPER

Sep. 2019 - Oct. 2019

- Collaborated on the successful launch of the new online store "WestwingNow", contributing to its development and implementation.
- Integrated a Single Sign-On system between the two online stores "WestwingNow" and "Westwing Club", resulting in a seamless user experience across platforms.
- Utilized automated debugging tools to identify and resolve issues with the application's communication with various services.
- Technologies: PHP, RabbitMQ, Node, MySQL, Memcached, Docker.

### Equatorial Energia Group

Brazil

DATA SCIENTIST

Mar. 2019 - Aug. 2019

- Streamlined the reporting and dashboarding process by automating reports and dashboards using Power BI, saving the Legal Department several work hours previously spent updating spreadsheets manually.
- Connected multiple data sources to build visuals that supported the decision-making process of attorneys.
- Contributed to the implementation of a new backoffice application by defining requirements and workflows for the system.
- Technologies: SQL Server, Power BI, BigQuery.

### Senior Team Projects and Solutions

Brazil

FULL STACK DEVELOPER

Jan. 2018 - Feb. 2019

- Designed and implemented a comprehensive course and certification system that was used to manage all events and trainings at the Maranhão Audit Court, improving the efficiency and effectiveness of training programs.
- Developed a certificate module that automatically generated digital certificates for all participants upon the completion of each event, improving the accuracy and speed of the certification process.
- Technologies: Java, EJB, ZK Framework, PostgreSQL.

# Education

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## Better Change Academy

CERTIFIED SCRUM PRODUCT OWNER

Dubai - UAE

Jul. 2022

## UFMA (Federal University of Maranhão)

B.S. IN COMPUTER SCIENCE

Brazil

Mar. 2014 - Dec. 2018

## Carroll University

EXCHANGE IN COMPUTER SCIENCE

Wisconsin - USA

Aug. 2015 - May. 2016

# Projects

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## Wedding management

EXPRESS, VUE.JS, FIREBASE

- I built a RSVP platform for my wedding. Our friends and family would go to the website and by entering their invitation code, they could RSVP to the invitation by selecting who was going to attend from their invitation.
- The website, management platform and API were all hosted in Firebase.
- API source code can be found at <https://github.com/jorgeribeiro/wedding-rsvp> and the management platform at <https://github.com/jorgeribeiro/wedding-management>.

## Heart Disease Classifier

PYTHON, PANDAS, SKLEARN, FLASK, ANGULAR

- Classification of heart disease based on symptoms and personal features. It uses a heart disease dataset from the UCI Machine Learning Repository.
- Source code and description can be found at <https://github.com/jorgeribeiro/heart-disease-classifier>.

## Computer Science Student Classes Planner

LARAVEL, BULMA, SQLITE

- Created an application aimed at assisting Computer Science Students from UFMA in selecting classes each semester, with the goal of completing required hours in a shorter period of time.
- To check source code and instructions: <https://github.com/jorgeribeiro/planejador-cp-ufma>.

## Meta learning applied to the Problem of Facial Expression Recognition

PYTHON, TENSORFLOW, NEURAL NETWORKS, META LEARNING

- Undergraduate thesis developed to become a Computer Scientist bachelor.
- It uses Convolutional Neural Networks and three datasets to learn emotions from human faces.
- Source code and docs can be found at <https://github.com/jorgeribeiro/meta-learning-facial-expression-recognition>.

## Github Web Scraper

PYTHON, BEAUTIFULSOUP, REQUESTS, PIPENV

- Crawler that gather information about files and sizes of any public Github repository. It creates a tree of files and folders and provides information about percentage of lines of code and bytes.
- Source code and description can be found at <https://github.com/jorgeribeiro/github-web-scraper>.