

# Marcos Ani Cury Vinagre Silva

## COMPUTER SCIENCE

### SUMARY

I am a curious person and in search for knowledge, therefore any opportunity for professional and personal growth is welcome.



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<https://github.com/MarcosAniCury>



Marcos Ani Cury V. Silva

### EDUCATION

#### 2019 - 2024

##### COMPUTER SCIENCE

Pontificia Universidade Católica de Minas  
Gerais - Belo Horizonte

#### 2018

##### SECONDARY TECHNICAL SCHOOL - WEB DEVELOPMENT

Centro Educacional Lemos de Castro - Rio  
de Janeiro

### EXPERIENCE

#### From Feb, 2023 until now

Scientific initiation project focused on  
creating a cluster with 20 Banana Pi using the  
best algorithm to improve efficiency and to  
run parallel applications better,  
Puc Minas

#### From Nov, 2022 until now

Internship in network and servers  
configuration. I am currently working with  
mobile development application for IOS.  
Sofex

#### From Jul, 2022 (2 hours)

I worked teaching a mini course of OOP  
(Object-Oriented Programming) in the  
holiday school of PUC Minas. it was open to  
the public.

#### From Aug, 2021 to Nov, 2022

Intern in full stack/mobile developer.  
Dysrup

#### From Oct, 2019 (6 hours)

I worked teaching a introduction to C  
Programming language at the ICJ College  
(Heart of Jesus Institute) with mechatronics  
students.

### CERTIFICATIONS

React Native certificate: creating app in react  
native com Alura- 2022

PHP OOP certificate: Class, Method e  
Attributes com Alura - 2021

PHP Advanced certificate: Arrays, Strings,  
Functions and Web com Alura - 2021

Remote course Pratices Cloud Services -  
Institute Pesquisa Eldorado with IBM - 2020

Course fundamentals and logic: Programming  
logic, Object-Oriented, Swift, JavaScript e  
RESTful API - Institute Pesquisa Eldorado with  
IBM - 2020

System operator certificate: Operating  
Windows e Linux - Positivo - 2018

Computer Assembly and Maintenance  
Technician - 2017

## SKILLS

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### Relational Database and Non-Relational Database

- MongoDB
- PostgreSQL
- MySQL
- SQLite

### Programming Languages

- C
- C++
- Swift
- Python
  - Dicord.py
  - Selenium.py
- C#
  - Unity
  - .NET Core
- JavaScript
  - React
  - Node.js
  - Vue JS
  - Electron
  - React Native
  - Typescript
- PHP
  - Laravel
- Java
  - Apache
  - Spark
  - JFrame
  - Hibernate
  - Swing
- Dart
  - Flutter

### Technology

- Docker
- Nginx
- AWS
- Git
- Heroku
- Azure
- HTML
- CSS
- Markdown

## PERSONAL PROJECTS

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MyGift - Online site that chooses a gift for someone.

KillZombies - Third-person game in which the goal is to survive as long as possible.

LOKIDOWN - Tower Defense mobile game in which the enemies choose the path with fewer towers.

DevQuest - Mobile application in which the goal is to overcome challenges using several programming languages, focusing on new developers.

3cm-rpg - Discord bot designed to take care of all parts of the calculation sheet and data of a table rpg.

Epic Helper - Discord bot that helps players of an epic rpg game to organize themselves before going to dungeons and arenas.

StackOverFlowByMe - A project entirely done in a terminal that simulates the entire stackoverflow with a database file, with features such as login, password, question, answer and response evaluation.

Challenge MostQi - A complete monitoring platform, including login for employees and customers, that shows the current dollar exchange rate.

Tic-Tac-Toe - Networks - Application that operates on a server and uses the main transport layer protocols. A client makes a tcp connection to play against a bot.

Tomasulo's Algorithm Simulator - This simulator was developed in Java language to demonstrate the tomasulo algorithm by inputting commands to executing them.