

# MICHAEL PACHECO

Senior Full-Stack Engineer

## Contact

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🌐 [Online portfolio](#)

🐙 [GitHub](#)

## About

Have been programming since 2008. Delivering highly scalable, secure and maintainable software since 2019. Has customer centric mindset. Observant and detail-oriented. Enthusiast of new technologies. Loves to write beautiful code following good coding practices. Miguel's father (4 years old). Obsessed with finance-related subjects, especially investments. Have worked for several companies in multidisciplinary teams. Has great communication skills. Responsible for key projects as the principal engineer. Motivated by inspiration and challenges.

*Looking for positions in USA or Canada.*

## Languages

**Portuguese** · Native

**English** · Advanced

## Education

2019

**Bachelor's Degree in Computer Science**

Federal University of Ouro Preto, Brazil

2023

**MBA in Investments & Asset Allocation**

UniBTA, Brazil

## Experience

**Stilingue** · Back-end Developer · Full-time · Hybrid

Feb 2019 — Sep 2020 · 1 year 6 months

Worked on a social listening product called WarRoom. Broke parts of a monolith into multiple monitored micro-services. Tested business logic with automated tests. Worked in an IT support team automating manual time consuming tasks and writing scripts for data correction and normalization. Maintained containerized applications. Developed a backoffice front-end application to be used by the call center.

### Achievements

Reduced client onboarding duration from months to minutes.

### Skills

Java Tomcat Spring Boot JUnit MongoDB GCE GKE Prometheus  
Grafana Kibana Vue CI/CD

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**Freelancer** · Full-Stack Developer · Part-Time · Remote

May 2020 — Feb 2021 · 8 months

Worked part-time as a freelancer. Developed the back-end for front-end (BFF) for an online memorial board of healthcare professionals that died of COVID-19. Developed the front-end and back-end for a dashboard for a selective waste collection mobile app called Cataki.

### Skills

Express Adonis Heroku MongoDB Javascript React Node Typescript  
Postgres Material UI Styled-Components

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**Usemobile** · Back-end Developer · Full Time · Remote · Software house

Oct 2020 — May 2021 · 7 months

Developed managing dashboards for three different smartphone apps:

- appmeuspa.com.br — Developed the back-end with Node and Express framework. Developed the front-end with React and JavaScript
- sempatrao.com.br — Developed the back-end with Node and Nest framework. Developed the front-end with React and Typescript
- evacard.com.br — Developed the front-end with Vue, Nuxt, and Typescript

### Skills

Node Express Nest React Vue Nuxt Typescript Javascript  
MongoDB AWS EKS AWS S3

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**PISOMTECH** · Full-Stack Developer · Indirect Contract · Remote

May 2021 — Sep 2021 · 4 months

Allocated to **Yandeh** by PISOMTECH (indirect contract). I worked on a full-stack project to manage retail product stocks. Very often, I was requested to create database scripts to normalize product data from different retailers. I was also responsible for creating automated use case tests for existing and new features.

#### **Skills**

Java Javascript Typescript React Postgres PL/pgSQL AWS Lambda  
AWS S3 AWS SQS AWS SNS

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**PISOMTECH** · Senior Full-Stack Engineer · Indirect Contract · Remote

Oct 2021 — Now · 2 years 5 months

Allocated to **Luizalabs**, the technology sector of **MagazineLuiza** marketplace, by PISOMTECH (indirect contract). As a holding retail company, Magazine Luiza has acquired a large set of e-commerces and marketplaces. It's very challenging to manage the entire ecosystem, so I was responsible to help in both architecting and development of an API to unify it in a single service. Developed a payment split API to replace an existing, and expensive, 3rd party paid software. Trained other developers helping them to grow both technically and personally. Currently working on an internal API collection migration from a legacy APIs product to another new ones. This migration involves multiple stacks using Java, Node, Python and React. Also working on private APIs exposure at [developers.magalu.com](https://developers.magalu.com)

#### **Achievements**

*Reduced costs by approximately R\$ 10 million a year.*

#### **Skills**

Python Java Javascript Typescript Node Kubernetes FastAPI Flask  
GCP GKE GCE MongoDB Redis RabbitMQ Prometheus Grafana

### **Certifications**

**Ethereum and Solidity: The Complete Developer's Guide** · 2022