

MICHAEL PACHECO

Senior Full-Stack Engineer

Contact

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🌐 [Online portfolio](#)

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 (3 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

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

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 Amazon EKS Amazon S3

PISOMTECH · Full-Stack Developer · Indirect Contract · Remote

May 2021 — Sep 2021 · 4 months

Allocated to **Yandeh** by PISOMTECH as an independent contractor. 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 PostgreSQL PL/pgSQL
AWS | S3 | SQS | SNS | Lambda

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

Oct 2021 — Now · 1 year 10 months

Allocated to **Luizalabs** by PISOMTECH as an independent contractor. 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. I also developed a payment split API to replace an existing, and expensive, 3rd party paid software. I have trained other developers helping them to grow technically and personally.

Achievements

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

Skills

Python Kubernetes FastAPI Flask GCP GKE GCE MongoDB Redis
RabbitMQ Prometheus Grafana

Certifications

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