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 (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`

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 11 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