

Ronaldo Ramos Júnior

Senior Full-Stack Contractor

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PROFESSIONAL SUMMARY

Senior full-stack contractor with software development experience since 2011, helping teams improve the software their businesses already depend on—from modernizing legacy applications and building APIs to automating workflows and maintaining production systems. Experience spans Python, JavaScript, PHP, Java, and C++, with a specialty in understanding existing systems, choosing the right approach, and improving them safely.

CORE EXPERTISE

Existing application maintenance and modernization	Backend reconstruction and event-driven architecture
REST APIs and third-party integrations	Internal tools and operational automation
Legacy desktop-to-cloud migration	Web crawling, browser automation, and validation
Security remediation and cross-platform maintenance	Technical leadership and team enablement

PROFESSIONAL EXPERIENCE

Crawford Technologies — Web Application Developer, Contract Remote, Toronto, Canada · Dec 2021 – Present

- Reconstructed the backend of an acquired document-processing product when only its frontend source was available, reverse-engineering required behavior from frontend requests and implementing compatible APIs and services.
- Proposed and delivered an event-driven architecture in collaboration with a system designer, using Kafka across backend, crawling, validation, queueing, administration, analytics, and monitoring services.
- Designed and built a Dockerized FastAPI and Playwright rendering service to replace an unsupported Splash component, integrating it with Scrapy to return page content, cookies, and headers for continued crawling.
- Remediated outstanding CodeQL and GitHub security findings in a cross-platform Java/C++ application running on Linux and Windows, then continued maintaining and improving the application.

Tecnologia Livre — Full-Stack Engineer Botucatu, Brazil · May 2019 – Nov 2021

- Led the migration of a legacy Delphi desktop application to a cloud-based Laravel and Vue.js platform, rebuilding client intake, legal matter records, staged workflows, and cross-department handoffs for a major Brazilian law firm.
- Served as technical lead for a field client-intake pilot, leading development of a PostgreSQL-backed Django REST API with React web and React Native mobile interfaces for lawyers working in remote locations.
- Integrated credit-card and boleto bancário payments into an e-commerce platform that previously required in-person payment, synchronizing payment and order status to support sales beyond the local market.
- Built a REST API backed by MongoDB for a podcast application using Node.js and Express.

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PROFESSIONAL EXPERIENCE — CONTINUED

VEMAX Usinagem — Full-Stack Engineer

Botucatu, Brazil · Apr 2018 – May 2019

- Built a web-based quotation system using Django, Node.js, and React to automate production-cost calculations and generate customer proposals.
- Deployed and configured GLPI, customized modules to fit departmental support workflows, and trained users on the system.
- Trained the internal maintenance team to diagnose and repair industrial machine systems, reducing the company's external support costs by 40%.

Sonda IT — Full-Stack Engineer

Botucatu, Brazil · Jan 2016 – Apr 2018

- Built a Java, VBS, Node.js, and MySQL automation workflow that replaced manual SAP extraction and Excel assembly of engineering dashboards, reducing the reporting cycle from roughly 40 hours to about 30 minutes.
- Introduced Git and Git Flow practices and trained the development team, standardizing version-control and collaboration workflows.
- Implemented real-time notifications in a healthcare application using Socket.IO.

EARLIER EXPERIENCE

TI Now — Junior Full-Stack Engineer

Botucatu, Brazil · Oct 2014 – Dec 2015

Sistema Imagem — Help Desk

Botucatu, Brazil · Nov 2013 – Aug 2014

Independent Software Developer

Botucatu, Brazil · Jan 2011 – Nov 2013

TECHNOLOGY

LANGUAGES

Python · JavaScript · PHP · Java · C++ · SQL · HTML · CSS

FRONTEND AND MOBILE

React · React Native · Vue.js

AUTOMATION AND VALIDATION

Playwright · Scrapy · web crawling · browser automation

BACKEND AND APIS

Django · Django REST APIs · FastAPI · Node.js · Express ·
Laravel · REST · event-driven services

DATA AND MESSAGING

PostgreSQL · MySQL · MongoDB · Kafka

PLATFORMS AND DELIVERY

Docker · AWS · Linux · Windows · Maven · Git · Git Flow ·
CodeQL

EDUCATION

Business Computing

Botucatu, Brazil · 2012

FATEC — Faculdade de Tecnologia de Botucatu