

João Paulo Oliveira

Full Stack Developer

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PROFESSIONAL SUMMARY

Software Engineer experienced in developing and modernizing nationwide systems supporting aviation safety and critical operations. Works with Laravel, Vue.js, and microservices architecture, building APIs and scalable systems with a focus on performance, security, and platform integration.

CORE SKILLS

PHP · Laravel · Vue.js · Filament PHP · JavaScript · Python · Flask · MySQL · PostgreSQL · Docker

PROFESSIONAL EXPERIENCE

DECEA — Department of Airspace Control | Full Stack Developer

January 2022 — present

- Develops and maintains nationwide systems supporting aviation safety.
- Designs and evolves REST APIs that integrate institutional systems.
- Modernizes legacy systems into microservices-based architectures.
- Contributes to LGPD compliance and supports architecture and data modeling decisions.

Technologies: PHP, Laravel, JavaScript, Vue.js, Python, Flask, MySQL, PostgreSQL, and Docker.

Brazilian Air Force — FAB | Web Developer

October 2014 — November 2021

- Developed and maintained regional and nationwide systems with PHP and Laravel.
- Modernized legacy systems, integrated platforms through APIs, and supported LGPD compliance.
- Deployed Joomla portals and an internal knowledge-sharing platform with WordPress.

Technologies: PHP, Laravel, WordPress, Joomla, and MySQL.

Brazilian Army | Web Developer

March 2013 — July 2014

- Developed, customized, supported, and maintained institutional portals with Joomla.

Technologies: PHP and Joomla.

PROFESSIONAL PROJECTS

External Analyses — NUDATEF: integrated system for laboratory requests and equipment management. PHP, Laravel, Filament PHP, and Bootstrap.

SYSAGA: management of aerodrome regulatory processes and technical documentation. PHP, Laravel, Vue.js, and microservices.

AGA Portal: portal providing information, regulations, and supporting files related to Aerodrome Protection Zone Plans. JavaScript and Vue.js.

DECEA Accounts: single sign-on service that standardizes access to digital services. PHP, Laravel, Keycloak, MinIO, REST API, and microservices.

Geofy: microservice that converts geographic data from `.txt` to GeoJSON. Python and Flask.

DECEA Publications: official source for consulting current publications approved by DECEA. PHP, Laravel, Vue.js, and Nuxt.

SGTO: platform for delivering online tests to professionals holding an Air Navigation Personnel License. PHP, Laravel, JavaScript, and Vue.js.

Vacina Já BR: published initiative that gathered links to COVID-19 vaccination booking centers in Brazil. Python and Django Framework.

EDUCATION

MBA in Digital Business Management — UNIMAIS, 2019–2020

Associate Degree in Systems Analysis and Development — Unibratex, 2015–2018

Technical Degree in Information Technology — ETE José Humberto de Moura Cavalcanti, 2010–2012