Waldson **Patrício**

SENIOR SOFTWARE ENGINEER | SOFTWARE ARCHITECT

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Professional Profile

Software Architect and Senior Engineer with 15+ years building product end to end: writing the spec, talking to the people who will use it, shipping the TypeScript and Postgres behind it, and owning whether it actually worked. Most comfortable on small teams where one engineer carries a feature all the way to production.

Latest Professional Experiences

Stack Builders Dec. 2020 – PRESENT

SOFTWARE ARCHITECT / SENIOR SOFTWARE ENGINEER CONTRACTOR *Remote*

- Leading the architectural design for high-impact projects, including a health insurance SaaS platform and an AI-powered advertisement product.
- Implementing critical software components across diverse projects, such as a reporting engine, a profile based multi-portal user management system, and an application for controlling the hardware of a patented device.
- **Tech:** Python, Typescript, React, React Native, PHP, PostgreSQL, Javascript, Vue.js

Netshow.me Jan. 2019 – Dec. 2020

SENIOR SOFTWARE ENGINEER *Remote*

- Optimized and scaled a legacy live-streaming application for sporting events, successfully scaling from thousands to millions of requests per day.
- Moved the team to automated testing and containerized service orchestration.
- **Tech:** PHP, Laravel, PostgreSQL, Vue.js, Redis, Docker

Paytour Jan. 2015 – Dec. 2018

APPLICATION ARCHITECT / SENIOR SOFTWARE ENGINEER *Remote*

- Architected and developed a multitenant, white-label e-commerce platform from the ground up, allowing tourism businesses to rapidly deploy customized online storefronts.
- Engineered a highly extensible payment infrastructure, seamlessly integrating multiple gateways to securely route and process online transactions.
- Led the end-to-end technical execution and system design, ensuring the platform's scalability to support a growing user base of over a thousand of tourism agencies.
- **Tech:** PHP, MySQL, Javascript/ES6, Vue.js, Ansible

Academic Background

UFRN 2012 – 2014

MSC IN COMPUTING & SYSTEMS *Natal, RN*

- Research on measuring the cognitive load, precision, and efficiency of navigation techniques in 3D virtual environments (Unity/C#).

UnP 2007 – 2010

BSC INFORMATION SYSTEMS *Natal, RN*

- DetetiveBR: Webgame inspired by "Where in the world is Carmen Sandiego? (PHP)".

WEB DEVELOPMENT

JavaScript, TypeScript, React, Vue.js, Node.js, Python, FastAPI, PHP, Laravel

ARCHITECTURE & SYSTEMS DESIGN

Multitenancy & White-Label Architecture, Extensible Payment Integrations, SaaS Architecture, API Design, Scalability

DATABASES & DATA STORES

PostgreSQL, MySQL, SQLite, MongoDB, Elastic Search, BigQuery

CLOUD & INFRASTRUCTURE

Docker, GCP, AWS, Linux

MOBILE DEVELOPMENT

React Native