

Rafael Aranha

Senior Full Stack Engineer | Solutions Architect

Paraná, Brazil (Open to Remote) | rafael.aranha@outlook.com | +55 11 98187-1595 | linkedin.com/in/rafaelaranha01 | github.com/rafaolidev

EXECUTIVE SUMMARY

Versatile and performance-driven Full Stack Engineer and Solutions Architect with **5 years of commercial experience** designing, building, and scaling distributed web applications. Specialized in backend architecture, microservices, and event-driven systems using **PHP (Laravel)**, **Java (Spring Boot)**, and **JavaScript (Vue.js)**. Proven expertise in cloud integrations (GCP), asynchronous event processing, database optimization, and compliance (serving as an internal Data Protection Officer/DPO). Recognized for adaptiveness to new stacks and a strong ability to debug and refactor complex legacy codebases.

CORE COMPETENCIES

- **Languages:** PHP, Java, JavaScript, Kotlin, C#, HTML5, CSS3, SQL.
- **Frameworks & Libraries:** Laravel (Lumen), Spring Boot 3, Vue.js 3, Tailwind CSS 3, Node.js, Yii.
- **Databases & Storage:** MySQL, PostgreSQL, MariaDB, SQLite, Google Cloud Storage.
- **Cloud & DevOps:** Google Cloud Platform (GCP), Pub/Sub, IAM, Docker, Linux, SSH, CI/CD, Event-Driven Architecture.
- **Compliance & Security:** Data Protection Officer (DPO), GDPR & LGPD Compliance, Access Control.
- **Design & UX:** RESTful APIs, Clean Architecture, Design Patterns, UI/UX Essentials (Adobe XD).

PROFESSIONAL EXPERIENCE

Funccloud - Senior Software Engineer / Solutions Architect (June 2024 – Present)

- Led the architectural refactoring of the WhatsApp integration engine (funccloudPlatform) via Meta Webhook, implementing resilient support for multi-media assets (audio, image, video), delivery status tracking, and event-driven decoupling using Websockets/Laravel Reverb to scale platform communication throughput.
- Architect and build scalable microservices and high-throughput RESTful APIs using Laravel and modern backend patterns.
- Design and maintain advanced cloud integrations on **Google Cloud Platform (GCP)**, leveraging **Pub/Sub** for asynchronous event processing and cloud queues.

- Implement event-driven architectures, manage workers, and consume complex message queues to ensure high system availability and fault tolerance.
- Optimize **MySQL** databases through schema refactoring, index tuning, and advanced query optimization, improving application response times.
- Deploy distributed logging and transaction-tracing systems to streamline debugging in distributed environments.
- Serve as the internal **Data Protection Officer (DPO)**, mapping data flows, analyzing privacy risks, and aligning software engineering practices with LGPD/GDPR compliance.

BControlTech - Full Stack Developer (PHP / Java) (March 2023 – June 2024)

- Designed and engineered REST APIs following **Clean Architecture** principles and software design patterns.
- Developed seamless integrations with external services and third-party APIs in a highly distributed system.
- Implemented asynchronous message processing workflows using message brokers and workers to offload heavy background tasks.
- Refactored legacy domain models and restructured databases to accommodate business logic growth and minimize technical debt.

Quadritech Tecnologia - Backend Developer (PHP / Java) (September 2022 – March 2023)

- Built and maintained web APIs using **Laravel 9** adhering to strict PSR standard practices.
- Developed enterprise-grade Java APIs using **Spring Boot** and managed database schemas.
- Maintained and refactored legacy web applications running on the Yii framework, ensuring backward compatibility.

GH Branding - Software Engineer (January 2022 – August 2022)

- Developed dynamic web applications using **Vue.js** on the frontend and **Spring Boot (Java)** on the backend.
- Created and maintained web services and APIs using PHP and Node.js.
- Integrated applications with various third-party services and REST APIs.
- Built native-like mobile interfaces using Android/Kotlin.

Qualificar TI - Backend Developer (PHP) (August 2021 – February 2022)

- Maintained, debugged, and added new features to enterprise applications built on Laravel 5.
- Designed and optimized database schemas for MySQL, MariaDB, and PostgreSQL.
- Built responsive web interfaces using Bootstrap, HTML5, and CSS3.

Upwork (Freelance) - Full Stack Developer (April 2020 – August 2021)

- Developed responsive landing pages, corporate websites, and custom web applications.
- Built stock management and financial transaction control systems using Laravel and MySQL.
- Constructed modern, responsive user interfaces using Vue.js and jQuery.

LANGUAGES

- **English:** Full Professional Proficiency (Fluent)
- **Portuguese:** Native Speaker
- **Spanish:** Limited Working Proficiency

EDUCATION

A.S. in Systems Analysis and Development
Universidade Positivo | Curitiba, Brazil (2020 – 2022)

CERTIFICATIONS & LICENSES

- **Databases: Relational Databases and SQL** – *Stanford Online*
- **Apple Certified Mac Technician (ACMT)**
- **User Experience (UX) Design Essentials** – *Adobe XD UI/UX Design*