

RAMON SOAREZ PRADO CAVALCANTE

Brazilian

✉ Email: ramonsoarez@gmail.com
🌐 Website: ramonsoarez.com
🐙 Github: [ramonsoarezcavalcante](https://github.com/ramonsoarezcavalcante)
in LinkedIn: [ramon-soarez-prado-cavalcante](https://www.linkedin.com/in/ramon-soarez-prado-cavalcante)

EXPERIENCE

PixelClub, New York - United States – Senior Web Developer • 2024 – Current • Remote

- Developed **high-performance** and scalable **websites, systems, and web services** for national and international clients.
- **Reduced search page rendering time by 35%** by implementing a **custom code analysis model in Python** and **caching static components with Node.js and Redis**, improving performance and responsiveness.
- **Optimized scalable APIs** using **Node.js and PHP**, enhancing system efficiency, reliability, and integration with third-party services.
- **Implemented custom optimization scripts** in **JavaScript and Python**, reducing average page load time by **42%** and improving performance scores on tools like **Lighthouse and PageSpeed Insights**.
- **Introduced lazy loading, code splitting, and asset minification** using **React, Webpack, and JavaScript**, cutting **UI rendering time by 30%** and improving overall frontend efficiency.
- **Refined the design system** using **React and Styled Components**, improving UI consistency and enhancing developer experience by facilitating the reuse of components.

Absam.io, São Paulo - Brazil – Software Enginner • 2021 – Current • Hybrid

- **Optimized software performance** using **Go and Rust**, reducing system latency and improving scalability through **profiling, memory management enhancements, and targeted performance tuning**.
- **Designed and implemented high-efficiency automation solutions** using **Python and Go**, streamlining workflows, automating infrastructure management, and reducing manual processes by **60%**.
- **Researched, designed, and implemented advanced AI and ML-driven integration solutions** using **Python (TensorFlow, PyTorch)** and **Rust**, enhancing system monitoring, predictive analytics, and overall operational efficiency.
- **Drove operational excellence** by refining DevOps methodologies with **Kubernetes, Docker, and Terraform**, proposing innovative automation strategies, and optimizing the company's **CI/CD pipeline** with **GitLab CI/CD**.
- **Developed an AI-powered, humanized chatbot** using **Python (FastAPI, NLP with spaCy & Transformer models)**, integrating with support systems and reducing ticket volume by over **50%**.
- **Enhanced system performance** by conducting in-depth analysis with **Go and Rust performance profiling tools (pprof, flamegraphs)** and optimizing database structures in **PostgreSQL and Redis**, significantly improving query execution times.

Saúde Vianet, Brazil – Full-Stack Developer • 2016 – 2021 • Remote

- **Analyzed and solved complex client-specific challenges** using **PHP (Laravel)** and **Node.js**, designing innovative software solutions to address system failures and inefficiencies, improving overall application stability.
- **Developed and optimized software applications** with **Laravel, JavaScript (React/Vue), and Node.js**, enhancing operational efficiency and delivering an improved user experience.
- **Led the creation and improvement of internal tools** using **PostgreSQL** for **scalable database solutions** and **Laravel** for **robust API development**, contributing to the technological excellence of the company's healthcare solutions.
- **Presented tech talks** on advanced Laravel and JavaScript concepts, including functional programming, accessibility best practices, efficient state management in JavaScript applications, web performance optimization, and integration testing using PHPUnit and Jest.
- **Maintained strong client relationships**, gathering business requirements and translating them into technical solutions using **Laravel and JavaScript**, ensuring high-quality, tailored software.

- **Implemented performance optimizations** by tuning PostgreSQL queries, caching data with Redis, and optimizing Laravel API responses, reducing system bottlenecks and enhancing application scalability.
- **Defined and documented** the vision and strategies for scalable **Laravel applications**, implementing Domain-Driven Design (DDD), unit tests with **PHPUnit**, integration tests with Pest, and enforcing code quality with pre-commit hooks using ESLint and Prettier for JavaScript components

EDUCATION

Pontifícia Universidade Católica do Rio de Janeiro

2024: Postgraduate Degree, Data Science and Machine Learning

Universidade Salvador

2017: Master of Business Administration, MBA

Universidade Salvador

2015: Bachelor's Degree, Information System

SKILLS

Programming Languages & Technologies

PHP, Python, Go, Rust, JavaScript, TypeScript, SQL

Frontend Technologies

React.js, Vue.js, Next.js, Redux, Zustand, Context API, Tailwind CSS, Material-UI, Webpack, ESBuild, ViteJS

Backend Technologies

Laravel, Node.js (Express, NestJS), RESTful APIs, GraphQL, WebSockets, Microservices, PostgreSQL, MySQL, MongoDB, Redis, Firebase, Docker, Git, GitLab CI/CD, GitHub Actions, Terraform, Nginx, Apache, Linux Server

Best Practices:

Technical mentoring and code reviews, strong communication, public speaking and tech talks, analytical problem-solving and debugging, adaptability and fast learning of new technologies, time management and multitasking, self-motivation and discipline in remote work, passion for continuous learning and innovation, collaboration in cross-functional and multicultural teams

Languages:

- Portuguese : Native
- English : Advanced - C1
- Japanese : Intermediate - N3