

RAMON SOAREZ PRADO CAVALCANTE

Brazilian • Software Engineer • Remote / Hybrid

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PROFESSIONAL SUMMARY

Full-Stack Software Engineer with **20+ years** of experience building high-performance web applications, infrastructure platforms and AI-driven solutions. Strong background in **PHP/Laravel, Python, Go, Rust, TypeScript and React**. Experienced in optimizing system latency, reducing infrastructure overhead, and minimizing operational friction through end-to-end automation and performance engineering.

EXPERIENCE

Absam.io, São Paulo - Brazil — *Systems Development Analyst • 2021 – Current • Hybrid*

- **Designed and optimized infrastructure platforms** (VPS, dedicated and cloud) focused on high availability, performance and **~30% reduction in operational costs**.
- Developed and maintained **critical services in Python, Go and Rust**, including automation tools, monitoring and provisioning scripts, reducing manual processes by **60%**.
- Researched and implemented **AI/ML solutions** with Python (TensorFlow, PyTorch) and Rust for **predictive analytics, anomaly detection and operations automation**.
- Administered and optimized **SQL and NoSQL databases** (MySQL, PostgreSQL, Redis, MongoDB) with focus on indexing, query optimization and caching.
- Led **networking and security** initiatives: TCP/IP, DNS, DHCP, NAT, VPN, Load Balancing, OAuth 2.0, SSL/TLS and **Linux server hardening**.
- Refined **DevOps practices** with Kubernetes, Docker, Terraform and GitLab CI/CD, **significantly improving incident response time and team productivity**.
- Developed an **AI-powered, humanized chatbot** using Python (FastAPI, NLP with spaCy & Transformer models), **reducing support ticket volume by over 50%**.

PixelClub, New York - United States — *Senior Full-Stack Developer • 2024 – 2026 • Remote*

- Delivered **end-to-end development of high-performance, scalable web applications** 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, Python and PHP with **RESTful design and system integration**, enhancing efficiency and reliability with third-party services.
- Implemented custom optimization scripts in JavaScript and Python, **reducing average page load time by 42%** and improving scores on Lighthouse and PageSpeed Insights.
- Introduced **lazy loading, code splitting, and asset minification** using React, Webpack, and JavaScript, cutting UI rendering time by **30%**.
- Provided **technical leadership** on architecture decisions, stack selection and code quality, applying **lightweight microservices and API versioning** within agile delivery.

Saúde Vianet, Salvador - Brazil — *Back-end / Full-Stack Developer • 2016 – 2021 • Remote*

- **Analyzed and solved complex client-specific challenges** using PHP (Laravel) and Node.js, improving overall application stability.
- Developed and optimized applications with **Laravel, JavaScript (React/Vue), and Node.js**, enhancing operational efficiency and user experience.
- Led the creation of **internal tools** using **PostgreSQL for scalable database solutions** and Laravel for robust API development.

- Implemented **performance optimizations** by tuning PostgreSQL queries, caching data with Redis, and optimizing Laravel API responses, **reducing system bottlenecks**.
- Defined and documented scalable Laravel applications, implementing **Domain-Driven Design (DDD)**, unit tests with PHPUnit, integration tests with Pest, and code quality with ESLint and Prettier.
- **Presented tech talks** on advanced Laravel and JavaScript concepts, including functional programming, accessibility, state management and web performance optimization.

Additional professional experience and selected projects are available in my portfolio: ramonsoarez.com

EDUCATION

Pontifícia Universidade Católica do Rio de Janeiro

2025: Postgraduate Degree, Data Science and Analytics

Universidade Salvador

2017: Master of Business Administration (MBA), Project Management

Universidade Salvador

2015: Bachelor's Degree, Information Systems

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 & DevOps

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

Networking & Security

TCP/IP, DNS, DHCP, NAT, VPN, Load Balancing, OAuth 2.0, SSL/TLS, Linux server hardening

Best Practices

Technical mentoring and code reviews, strong communication, public speaking and tech talks, analytical problem-solving and debugging, adaptability and fast learning, self-motivation and discipline in remote work, collaboration in cross-functional and multicultural teams

Languages

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