

Pedro Viana

Software engineer

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About

Full-Stack Software Engineer & Technical Lead with a strong track record of **modernizing legacy systems** and **building scalable, high-performing products**. Experienced in **diagnosing and solving complex performance issues**, as well as **leading support teams** through critical incidents. Recognized for **bringing order to systems lacking observability or traceability** and for **turning tough technical challenges into streamlined, reliable solutions**. Passionate about delivering **efficient, impactful software** that drives long-term value.

Skills

Languages & Frameworks: PHP (Laravel, Octane), JavaScript/TypeScript (React, Inertia.js, Node.js), Python, Go

Databases: PostgreSQL, MySQL, Redis, Supabase

DevOps & Infra: Docker, Kubernetes, AWS, CI/CD (GitHub Actions, Jenkins)

Expertise: System design, legacy modernization, performance optimization, SaaS development

Relevant Experience

Software Engineer thetaharpia.com – Remote (self-employ)

Jan 2025 – now

- **Designed and developed core SaaS features** focused on simplifying the daily practice of mental health professionals, including **online scheduling, automated WhatsApp reminders, and patient self-service portals**.
- **Implemented a professional website generator** integrated with each psychologist's agenda, improving patient engagement and reducing no-shows.
- **Built internal monitoring and logging tools in PHP** to detect runtime errors, track user activity, and analyze system performance.
- **Collaborated on deployment strategies** using Docker and Kubernetes, adopting **continuous delivery and canary releases** to ensure stability and scalability of the platform.
- **Integrated secure payment flows** (Pix and credit card) to enable recurring and one-time session payments, providing therapists with financial control directly in the platform.
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Technologies: PHP (Laravel, Inertia.js), React, TypeScript, Docker, Kubernetes, PostgreSQL, Redis

Software Engineer estuda.com – Remote (Contract)

Jan 2025 – Jun 2025

- Developed B2B features with a focus on observability and strategic insights for schools.
- Implemented a custom error monitoring platform in pure PHP.
- Created internal debugging tools to identify runtime errors and performance

bottlenecks.

- Collaborated with DevOps to implement test strategies and canary deployments.

Technologies: PHP, jQuery, Python, OCI, Jenkin

Software Engineer [proesc.com](#) – Remote (Contract)

Mar 2024 – May 2025

- Led the end-to-end development of innovative educational products with a focus on scalability and strategic value.
- Delivered two validated MVPs in under six months.
- Ensured high availability and stability across delivered products.
- Introduced a testing culture, reducing bugs in new products by 90% compared to legacy systems.
- Applied machine learning algorithms to strategic reporting features.
- Improved VPC networking, reducing latency by 30% across all services.

Technologies: PHP, Laravel, Go, AWS, React, NextJS, Inertia.js, Python, Docker, jQuery, Kubernetes

Software Engineer [Scalable Path](#) – Remote (Contract)

Dec 2023 – Feb 2024

- Built a full-stack real-time chat microservice integrated with AI agents.
- Delivered MVP within a 4-month timeline.

Technologies: PHP, Laravel, TypeScript, React, REST APIs, Inertia.js, Docker, AWS, Kubernetes

Technical Support Lead (Level 3) & Software Engineer Inova Dados – Hybrid (Full-time/Contract)

Jul 2022 – Dec 2023

- Established and led the Level 3 support team focused on resolving critical bugs in legacy systems.
Trained three specialists in complex bug diagnosis and resolution.
- Transitioned to the development team and solved long-standing technical issues with innovative solutions.

Technologies: PHP, Laravel, PostgreSQL, Python, PySpark, Docker, AWS, PSQL, React, NextJS, Nest