

Kayo César Mendonça de Andrade

Back-End & Mobile Developer | PHP · Laravel · Flutter · Docker · CI/CD | Cybersecurity

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PROFESSIONAL SUMMARY

Software developer with 2+ years of professional experience in back-end, mobile, and infrastructure, building customized systems for public and private sectors. Promoted from Programmer II to Programmer V in under 9 months, taking on technical leadership of full-cycle projects, from requirements gathering to production deployment. Solid experience in PHP/Laravel, Python/FastAPI, and Flutter/Dart, with expertise in multi-tenant architecture, RESTful APIs, Docker, Redis, WebSockets (Laravel Reverb), GitLab CI/CD, and government API integration. Transitioning into Cybersecurity, holding 5 CISCO certifications (Networking Defense, Endpoint Security) and hands-on training in Penetration Testing and Vulnerability Enumeration. Law degree (UFPB) with practical application in LGPD/data privacy compliance.

PROFESSIONAL EXPERIENCE

Programmer V | 02/2026 – 06/2026

PBSoft (Máxima Tecnologia) — João Pessoa, PB | On-site

- Led technical development of an electronic voting system for municipal councils, serving 7+ councils simultaneously in production with multi-tenant architecture.
- Designed multi-tenant architecture with centralized JWT authentication hub, isolated PostgreSQL databases per tenant, and a shared database for centralized management.
- Developed cross-platform mobile application with Flutter/Dart, with biometric authentication, real-time WebSocket synchronization, and secure storage (flutter_secure_storage).

- Implemented real-time communication with Laravel Reverb (WebSocket) for live voting sessions, speaker management with countdown timers, and dynamic agenda management.
- Configured Docker infrastructure (PHP-FPM, Nginx, Redis, Supervisor) with automated deployment pipelines via GitLab CI/CD on self-hosted environment.
- Documented RESTful APIs with Swagger/OpenAPI and built automated PDF report generation (DomPDF, TCPDF).
- Configured server security with CSF Firewall and ModSecurity, and managed caching/queue systems with Redis.

Programmer II | 05/2025 – 01/2026

PBSoft (Máxima Tecnologia) — João Pessoa, PB | On-site

- Developed and maintained customized information systems for public and private sector clients using PHP and Laravel.
- Maintained and evolved legacy PHP system, ensuring operational stability and alignment with evolving business requirements.
- Designed and implemented RESTful APIs for third-party integration, with security and performance validation via Postman.
- Created and standardized Docker environments to optimize the development and deployment lifecycle.
- Contributed to digital compliance and LGPD projects, ensuring data integrity and privacy.

Developer | 07/2024 – 08/2025

Rede Facilité — João Pessoa, PB | Remote

- Developed and maintained web applications using PHP and Laravel.
- Implemented RESTful APIs and integrated with external services.
- Containerized environments with Docker and performed API validation with Postman.

Web Development Intern | 03/2024 – 06/2024

Rede Facilité — João Pessoa, PB

- Supported the development and deployment of software projects in a team environment.

- Assisted in defining and maintaining server infrastructure and database administration.

Freelance Developer | 07/2023 – Present

Self-employed — Remote

- Developed a full public healthcare management system using PHP, Laravel 12, Filament 4, and TailwindCSS, covering healthcare professional registration, contracts, work locations, and shift scheduling.
 - Implemented 14 CRUD modules, 15+ report types, and integration with government APIs (SEFAZ, Transparency Portal, Conecta Gov.br, IBGE).
 - Role-based access control (RBAC) with Spatie Permission, action auditing with Spatie ActivityLog, and data export to Excel.
 - System actively used in production by the client, managing invoices, procurement processes, and healthcare professional contracts.
 - Developed a multi-tenant SaaS platform for point-of-sale (POS) using PHP, Laravel, Vue.js 3, Inertia.js, and Filament, with separate admin panels (landlord/tenant), inventory control, and financial management.
 - Multi-tenant architecture with Stancl/Tenancy, RBAC with multiple profiles (admin, sales, finance, inventory), and Docker infrastructure (Nginx, MySQL, Redis).
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TECHNICAL SKILLS

Languages: PHP, Python, JavaScript, Dart

Frameworks & Libraries: Laravel, Filament, Flutter, FastAPI, Node.js, Vue.js, Inertia.js, Django

Front-End: TailwindCSS, Alpine.js, Vite

Databases: PostgreSQL, MySQL, MariaDB, SQLite, DBeaver

Infrastructure & DevOps: Docker, Docker Compose, Redis, Nginx, Apache, Supervisor, GitLab CI/CD, Git, Linux (Debian, Fedora, Kali Linux), WSL

APIs & Architecture: RESTful APIs, Swagger/OpenAPI, JWT Auth, Multi-Tenant Architecture, WebSockets (Laravel Reverb), Postman

Security: Penetration Testing (fundamentals), Vulnerability Enumeration, Networking Defense, Endpoint Security, Nmap, Wireshark, Burp Suite, LGPD/Data Privacy

EDUCATION

B.Sc. in Software Engineering — Expected: 06/2027 Cruzeiro do Sul Virtual

B.Sc. in Law — Graduated: 06/2018 Federal University of Paraíba (UFPB). Applied to LGPD compliance and data security projects.

CERTIFICATIONS

- Networking Defense — CISCO · 04/2025
 - Networking Technician Career Path — CISCO · 04/2025
 - Networking Academy Learn-A-Thon 2025 — CISCO · 03/2025
 - Networking Basics — CISCO · 10/2024
 - Endpoint Security — CISCO · 09/2024
 - Cybersecurity Specialist Training — DIO · 01/2025
 - Principles of Vulnerability Enumeration and Exploitation — DIO · 12/2024
 - Penetration Testing Fundamentals — DIO · 12/2024
 - Python AI Backend Developer — DIO · 07/2024
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LANGUAGES

Portuguese — Native

English — Upper-Intermediate (B2)