

Ricardo Andrietta Mendes

Senior Software Engineer

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Professional summary Seasoned backend software developer with over 15 years of experience in PHP and MySQL, specializing in building robust and scalable applications. Proficient in the Phalcon framework with 7+ years of expertise and knowledge of Laravel and Symfony. Adept in modern development practices, including containerization with Docker and CI/CD pipelines using GitHub Actions. Experienced in leading and mentoring a small team of developers, fostering collaboration and growth. Excels at working with business and marketing teams to understand and deliver on company needs for each feature. Passionate about clean architecture and delivering high-quality software solutions.

Employment history

Sep 2017 - Present

Senior Software Developer, Machobear Studios Inc
Vancouver, BC

Developed high-quality code using PHP (Phalcon) and MySQL, ensuring adherence to coding standards and best practices.

- Collaborated with cross-functional teams to gather requirements, analyze user needs, and define project scope for new software development initiatives.
- Conducted code reviews to ensure code quality, maintainability, scalability, and adherence to architectural guidelines.
- Collaborated with product managers to prioritize feature development based on customer feedback and business objectives.
- Integrated third-party APIs into existing systems for enhanced functionality or data exchange capabilities.
- Optimized database queries and data access patterns, significantly improving system performance and response time for user operations.
- Applied Clean Code/Clean Architecture standards and unit tests

Key projects:

- Credit verification is a tool for evaluating a Tenant's credit score. It integrates with Credit Bureaus (Equifax), allowing landlords to make better tenant acceptance decisions.
- Dynamic contract creation: Internal tool to create contract templates and export them as PDFs. It allows the company to onboard Real Estate companies with custom contracts.
- Ticket tool to manage listing syndication where tickets are automatically created when a listing is created/updated.
- Internal tool for the client support team to manage users (landlords and tenants), buildings, listings and payments.
- A backend tool for managing processes such as Queues, Cronjobs, ACL, and Elasticsearch synchronization.
- PHP and Framework upgrades.

Main Technologies:

- Phalcon Framework (PHP) / MySQL / Elasticsearch / Redis
- Docker / AWS S3
- Git / Gitlab

Apr 2015 - Aug 2017 **Systems Analyst, Atos**
São Paulo, SP

Analyzed and translated business requirements into detailed functional specifications, ensuring alignment with organizational goals and development objectives.

- Collaborated with cross-functional teams and stakeholders to gather and document user requirements, address concerns, and align project priorities.
- Provided technical expertise and post-implementation support, ensuring smooth system deployment and prompt resolution of operational challenges.
- Proactively monitored project timelines, milestones, and risks, managing dependencies to deliver projects on time and within budget.
- Synthesized data from multiple sources using SQL and other extraction methods, delivering actionable insights to support decision-making and refine project requirements.
- Leveraged strong interpersonal skills to foster collaboration across departments and organizational levels, enhancing team productivity and communication.

Main Technologies:

- Kohana Framework (PHP) / MySQL / Git

Mar 2007 - Apr 2015 **Software Developer, Phonoway**
São Paulo, SP

- Collaborated with cross-functional teams to gather requirements, design solutions, and implement software features.
- Designed user-friendly interfaces for web-based applications using HTML, CSS, and JavaScript.
- Mentored junior developers on coding techniques, best practices, and industry trends.
- Demonstrated strong problem-solving skills by identifying the root causes of complex technical issues quickly. Engineered robust software solutions using PHP frameworks, optimizing database performance and enhancing user experience through intuitive interface design.
- Developed and maintained software applications using CodeIgniter, MySQL and SQL Server.

Key Projects:

- Phonoweb: specialized e-commerce for telecom products. Integration with TOTVS ERP to control stock, invoices, taxation and payments.
- Mitz: internal CRM focused on the company needs, including statistics reports and charts.

Main Technologies:

- CodeIgniter Framework (PHP) / MySQL / SQL Server (TOTVS ERP integration)

Education

Jan 2006 - Dec 2010 **Bachelor's degree in Electronics Engineering**
Mackenzie, São Paulo, SP

Jan 2011 - Dec 2012 **Postgraduation degree in System Analysis**
Mackenzie, São Paulo, SP

Starting in Mar 2025 **Postgraduation degree in Machine Learning**
Fiap (Brazil), Online

Skills	PHP / MySQL / SQL Server	Git / GitHub / GitLab	Docker / APIs
	Phalcon / CodeIgniter / Laravel / Symfony		Elasticsearch / Redis

Languages	Portuguese	English
	Native	Highly proficient