

Bernardo Mantoan Castellani

Full-Stack Developer

Toledo - Paraná

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[Bernardo Castellani](#) | [LinkedIn](#) | [Bernardo Castellani](#)

Full Stack Developer specializing in PHP (Laravel, Symfony), Node.js, and Kubernetes. Experience in financial systems, legacy refactoring, and microservices architecture.

Technical Knowledge

Back-end development

PHP (Laravel, Symfony) | Node.js (NestJS) | JavaScript/TypeScript | Python | Go | MySQL | PostgreSQL | Oracle | SQL Server | Kubernetes | Docker | RabbitMQ | Redis

Front-end development

JavaScript | HTML5 | CSS3 | React | Blade | Twig

Integration Automation

Git | Selenium | Puppeteer | CI/CD | Linux | APIs RESTFUL | WebScraping

Professional Experience

Full-Stack Developer

Sicredi Vale do Piquiri | Palotina- PR | Jul, 2025 - Presente

- Development and maintenance of the systemA satellite branch of the cooperative, focused on delinquencies, processing debt collection and negotiation operations for the cooperative.
- Development of integrations via RESTful APIs with core banking systems and credit bureaus, ensuring data synchronization and regulatory compliance.
- Maintenance of microservices architecture (PHP) orchestrated in Kubernetes, with a focus on availability and observability.
- Production troubleshooting including SQL Server/PostgreSQL query optimization and critical endpoint performance analysis.
- Data processing with Python/Pandas for point-in-time ETLs for migration and financial reconciliation.

Full-Stack Developer

Alow Management and Telephony | Toledo - PR (Remote) | August 2023 - June 2025

- Refactoring legacy ERP modules in PHP (Laravel/Symfony), modernizing code standards and eliminating deprecated dependencies.
- Optimization of critical APIs through distributed caching (Redis) and query restructuring,

reducing response time by 30%.

- Development of automations with Puppeteer/Selenium for integration with systems without APIs, eliminating approximately 20 hours of manual work per week.
- Implementation of an architecture using RabbitMQ queues for asynchronous processing (generating payment slips, sending emails, data synchronization).
- Production troubleshooting: MySQL deadlock analysis, scheduled job optimization, and integration failure investigation.

Technical Support

Alow Management and Telephony | Toledo - PR | May 2023 - July 2023

- Level 2/Level 3 support for application and database incidents in production.
- Optimizing MySQL queries in management reports, reducing execution time by 35% through indexes and JOIN restructuring.
- System check automation with Python/Selenium

Academic Background

Software Engineering

Biopark Education | Bachelor's degree | 2023-2026

Languages

Portuguese

Native

English

Advanced - B2

Certifications

PHP Certification -Allure (2023)

Certification in Laravel and Symfony -Allure (2023)

Laravel Certification -Rocketseat (2024)

Google Cloud Engineering Certification - Google (2025)

Professional Development

- **Research Director of the Academic League of Software Engineering and ADS Courses-** Biopark Education (2024-2025)
- **Data Abstraction and Modeling Monitor and Data Persistence-** Biopark Education (2023/2 - 2024/2)
- **Wadhwani Job Ready** - Wadhwani Foundation (2021)
- **Socio-emotional Training-** School of Intelligence (2020)