

Yan Brasiliano Silva Penalva

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EDUCATION

2024 – 2025

Postgraduate Diploma in Software Architecture

UNOPAR – Universidade Norte do Paraná

Brazil

2024 – 2025

Postgraduate Diploma in Solutions Architecture

UNOPAR – Universidade Norte do Paraná

Brazil

2023 – 2024

Postgraduate Diploma in Software Engineering

UNOPAR – Universidade Norte do Paraná

Brazil

2019 – 2022

Bachelor's Degree in Systems Analysis and Development

UNIFACS – Universidade Salvador

Brazil

SKILLS

Programming Languages	PHP Python JavaScript TypeScript Shell Script Bash C C++
Frameworks & Tools	Laravel Symfony Lumen Octane Swoole Node.js React Vue.js Quasar Framework Bootstrap TailwindCSS SASS Jest PestPHP PHPUnit
DevOps & Infrastructure	Docker Kubernetes Git GitHub GitLab CI/CD Ansible Terraform Prometheus Grafana
Databases & Messaging	MySQL PostgreSQL T-SQL MongoDB Redis SQL Server RabbitMQ
Operating Systems	GNU/Linux Windows

EXPERIENCE

NETRA Tecnologia – UEFS

Sep 2023 – Present

Software Engineer

Bahia, Brazil

- Built and maintained systems using Laravel, Vue, PostgreSQL, and T-SQL.
- Optimized GNU/Linux server infrastructure, improving performance by 20%.
- Led CI/CD implementation with SonarQube integration, increasing deployment efficiency by 80%.
- Managed automation, security, and monitoring as part of the DevOps team using Docker and Kubernetes.
- Participated in agile ceremonies and pair programming sessions.

PRODEB – Companhia de Processamento de Dados da Bahia

Feb 2022 – Sep 2023

Software Engineer

Bahia, Brazil

- Delivered new features in Laravel and Vue, integrating PostgreSQL databases.
- Resolved infrastructure bottlenecks in GNU/Linux servers, improving resolution speed by 50%.
- Implemented Kubernetes, Redis, and CI/CD improvements in the agile workflow.

Grupo Ramiro Campelo (Lojas Guaibim, Casa Mais Fácil)

Nov 2021 – Feb 2022

Junior Software Engineer

Bahia, Brazil

- Developed and enhanced e-commerce platform integrations.
- Reduced order API failures by 25% through improved purchasing system integration.
- Tech stack included PHP, Laravel, JavaScript, T-SQL, and GitLab.

TRT5 – Tribunal Regional do Trabalho da 5ª Região

Aug 2020 – Nov 2021

Intern Software Engineer

Bahia, Brazil

- Responded to 50+ security incidents and conducted penetration testing, reducing vulnerabilities by 30%.
- Integrated OpenVAS with Zabbix using Python, enhancing monitoring by 50%.
- Helped establish the new security incident response team.

NOTABLE PROJECTS

Armored Software – Finalist at InovaSenai-BA

2021

Lead Developer

Bahia, Brazil

- Created a security solution that reached the InovaSenai-BA finals.
- Focused on robustness, hardening, and threat modeling.

GNU/Linux World Talk – SENAI

2021

Speaker

Bahia, Brazil

- Gave a talk on GNU/Linux installation and configuration for beginners.
- Promoted open-source adoption to early-stage learners.

Open Source Contribution – yajra/laravel-acl

2022

Contributor

Remote

- Fixed a bug in a Laravel ACL package with over 30k downloads.
- Merged PR included in official release. [View PR](#)

Universidade Livre – Open CS Platform

2023

DevOps Curriculum Contributor

Remote

- Wrote the DevOps module for a free Computer Science education platform.
- Topics included CI/CD, IaC, monitoring, and DevSecOps. [See Curriculum](#)

LANGUAGES

English

B2 – Upper Intermediate

Proficient in reading, writing, and technical communication.

Portuguese

Native Speaker

Full professional proficiency.