Yan Penalva

yanpenabr@gmail.com | penalva.me | +55 71992432603

github | linkedin

EDUCATION

2024 – 2025	**UNOPAR – Universidade Norte do Paraná**
Postgraduate Diploma in Software Architecture	*Brazil*

2024 – 2025	**UNOPAR – Universidade Norte do Paraná**
Postgraduate Diploma in Solutions Architecture	*Brazil*

2023 – 2024	**UNOPAR – Universidade Norte do Paraná**
Postgraduate Diploma in Software Engineering	*Brazil*

2019 – 2022	**UNIFACS – Universidade Salvador**
Bachelor's Degree in Systems Analysis and Development	*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

Contributor   2022
                                                              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

DevOps Curriculum Contributor   2023
                                                              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.