

Daniele Nicolini

Mid-Level Full Stack Developer

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PROFESSIONAL SUMMARY

Backend Developer with Full Stack experience in enterprise and government systems. Experienced across the entire development lifecycle: business requirements analysis, data modeling, APIs, integrations, user interfaces, maintenance, troubleshooting, infrastructure, and deployment. Background in technical leadership, legacy system modernization, digital public services, and retail solutions with NFC-e tax integration, as well as public-facing websites indexed by Google and technical SEO.

TECHNOLOGIES AND SKILLS

Backend: PHP, Laravel, C#, .NET, CakePHP, Node.js, Python, REST APIs, WebSockets, WebRTC, and asynchronous processing with queues/workers.

Full Stack Development and Mapping: Laravel, JavaScript, TypeScript, React, Next.js, Vue.js, Inertia, Tailwind CSS, Leaflet, GeoJSON, and OpenRouteService.

Data and Integrations: MySQL, PostgreSQL, SQL Server, Oracle, MongoDB, webhooks, Meta/WhatsApp Business API, VoIP, and NFC-e.

DevOps and Quality: Linux (CentOS/Ubuntu), Docker, Docker Compose, Kubernetes, Git, GitHub, GitLab, load balancing, deployment, PHPUnit, testing, and technical SEO.

PROFESSIONAL EXPERIENCE

Grupo Via Máquinas - Mid-Level Backend Developer with Full Stack

Responsibilities | Mar 2025 - Present

- Responsible for backend development and the ongoing evolution of internal systems, covering business rules, APIs, integrations, maintenance, and production support.
- End-to-end work on Usadão Máquinas and customer service solutions, integrating Laravel, Next.js, MySQL, Docker, Meta/WhatsApp Business API, VoIP, WebSockets/WebRTC, and real-time communication.
- Management of environments and deployments, failure diagnosis, and monitoring of production systems.

DER/RO - Full Stack Developer; Head of the Systems Development Unit | May 2023 - Present (Unit Head since Jan 2024, part-time)

- Technical leadership of the team and the unit's projects, including the evolution of new and legacy applications for internal processes and citizen services.
- Development and maintenance of SGI, SADER, Geoportal, Passe Livre, and the Document Management System, as well as fleet management, inventory, and transparency systems.
- Use of PHP, Laravel, C#, .NET, React, Inertia, JavaScript, MySQL, Docker, and Linux in solutions involving traceability, geographic data, interactive maps with Leaflet/GeoJSON, and administrative workflows.

Rondônia State Department of Justice - SEJUS - Full Stack Developer | Sep 2022 - May 2023

- Development of a socioeconomic assessment system to support incarcerated individuals and their families.
- Maintenance and support of legacy systems for internal operations and personnel management using PHP, Laravel, Docker, Inertia, JavaScript, React, and Linux.

SELECTED PROJECTS

DER/RO - Geoportal and Passe Livre | government projects

Development and maintenance of public digital solutions for road management and citizen services, with geographic data, interactive maps, and system integration. Geoportal: <https://geoportal.der.ro.gov>; Passe Livre: <https://passelivre.der.ro.gov>.

Lizlu and Aura Perfumes - Retail Solutions | professional projects

Development of systems for the fashion and fragrance retail sectors, with NFC-e tax integration, backend operations, and deployment. Creation of public-facing websites indexed by Google, with semantic structure, performance, and technical SEO. Projects: <https://lojalizlu.com.br> and <https://auraimportados.com>.

Customer Service Platform - Help Desk and Real-Time Communication | technical project

Platform with authentication, customer and agent management, queues/workers, real-time conversations, transfers, WebSockets/WebRTC, integration with Meta/WhatsApp Business API, REST APIs, and webhooks. Publicly available source code on GitHub.

Instituto Azon Social - Institutional Platform and CMS | technical project

CMS built with Laravel, React, and Inertia, including roles and permissions, scheduled publishing, Instagram/Meta integration, Cloudflare R2 storage, SEO, accessibility, and testing. Project: <https://azonsocial.com.br>.

EDUCATION

UNINORTE - Technologist Degree in Systems Analysis and Development | undergraduate degree

IFRO - Technical Diploma in Electrical Technology, Integrated with High School | technical education

LANGUAGES

Upper-intermediate English: CEFR B2.