

João Pedro Nascimento Silveira

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Profile

DevOps Engineer and Full-Stack Developer with experience in infrastructure automation, observability, and scalable systems development. Skilled with **containers (Docker)**, **Kubernetes orchestration**, and **Nutanix** platforms, supporting high-availability environments. Currently working as a **Junior Full-Stack Developer**, focusing on backend development with **Java** and modern web applications. Experience with **CI/CD**, software engineering best practices, and foundational knowledge in **Terraform (IaC)**. Founder of Ore Software, building SaaS products and mobile applications.

Areas of Specialization

DevOps, Systems Support, CI/CD, Observability, Infrastructure Automation, Containers (Docker), Orchestration (Kubernetes), Infrastructure as Code (Terraform - basic), Nutanix, Web Development, Mobile Development, Software Architecture, RESTful APIs, Next.js, React, Flutter, Fastify, Quarkus, Django, Prisma ORM, MongoDB, PostgreSQL, Data Engineering, Database Modeling, UX/UI, SaaS.

Professional Experience

PD Case, Junior Full-Stack Developer

Porto Velho, Brazil
Mar 2026 – Present

- Developing and maintaining web applications using **Java** on the backend and modern frontend technologies.
- Designing and implementing RESTful APIs following best architectural practices.
- Fixing bugs and delivering incremental improvements to enterprise systems.
- Collaborating with cross-functional teams using agile methodologies (Scrum/Kanban).
- Participating in code reviews and continuous improvement of software quality.

State Department of Finance, DevOps Engineer

Porto Velho, RO
Jun/2025 – Present

- Managed infrastructure based on **Nutanix** and **Kubernetes** clusters, ensuring high availability, resilience, and security in mission-critical environments.
- Worked with **Docker containers** for environment standardization and consistent application delivery.
- Built and maintained **CI/CD pipelines** using GitLab CI and ArgoCD, automating build, test, and deployment processes.
- Implemented and maintained **monitoring and observability** solutions with Prometheus, Grafana, Dynatrace, and Zabbix, proactively detecting and resolving incidents.
- Performed provisioning and configuration automation using **Ansible**, **Rancher**, and **basic knowledge of Terraform (IaC)**.

State Court of Rondônia, Software Development Intern

Porto Velho, RO
Aug/2022 – Aug/2024

- Developed scalable web applications using Angular on the frontend and Quarkus on the backend.
- Implemented improvements in system design to make the user experience more efficient and accessible.
- Used JWT and OAuth for secure authentication and access control.

Public Defender's Office of Rondônia, Software Development Intern

Porto Velho, RO
Jul/2021 – Aug/2021

- Optimized database queries using Django, improving performance and reducing response time.

Public Prosecutor's Office, Administrative Intern

Porto Velho, RO
Feb/2016 – Mar/2017

- Assisted in the preparation of official letters, memorandums, and circulars.
- Delivered documents to the appropriate institutions.

Education

Faculdade Focus, Postgraduate Degree in Data Science

Porto Velho, RO
2025

- Relevant Coursework: Python and SQL Programming, Applied Statistics, Machine Learning, Deep Learning, Data Analysis and Visualization, Data Engineering, Big Data, MLOps.

Federal University of Rondônia, Bachelor's Degree in Computer Science

Porto Velho, RO
2017 – 2024

- Relevant Coursework: Computer Architecture, Learning Algorithms Comparison, Theory of Computation, Software Engineering.
- Applied Research: Development of an application for teaching numerical methods, with a published scientific article detailing its effectiveness in higher education.

Online Courses & Certificates

- Nutanix Enterprise Cloud Administration Training, (2025) - [ClearIT](#)
- Nutanix Kubernetes Platform (NKP) Training, (2025) - [ClearIT](#)
- Fundamentals of Intelligent Sensing Platforms for Industry, (Aug. 2025) - [Virtus](#)
- Ansible for SysAdmin, (Jul. 2025) - [Udemy](#)
- Dynatrace Foundations, (Jul. 2025) - [Dynatrace](#)
- Networking Fundamentals for DevOps, (Jul. 2025) - [Udemy](#)
- Introduction to the Spring Framework with Spring Boot, (Mar. 2025) - [DIO](#)
- Java Language Fundamentals, (Feb. 2025) - [DIO](#)
- Python Essentials 1, (May 2023) - [Cisco Academy](#)
- Fundamentals of Graphic Design, (Apr. 2022) - [Fundação Bradesco | Virtual School](#)
- Database Fundamentals, (Oct. 2021) - [Oracle Academy](#)
- Networking Fundamentals, (Oct. 2021) - [Cisco Academy](#)

Skills

- **Technical Skills:** Docker, Kubernetes, Nutanix, Rancher, ArgoCD, GitLab CI, GitHub Actions, Ansible, AWX, Terraform (basic), Prometheus, Grafana, Dynatrace, Zabbix, AWS, Oracle Cloud, Git, Python, Java, TypeScript, Dart, Kotlin, C#, Angular, Next (React), Flutter, FastAPI, Quarkus, Fastify, Django, VS Code, Postman, Firebase, MongoDB, PostgreSQL
- **Soft Skills:** Teamwork, Clear and assertive communication, Proactivity and initiative in problem solving

Projects

Discord Bot

[Project Page](#)

- Developed a bot for use on Discord servers.
- Technologies Used: Python, discord.py, MongoDB.

Zero Math

[Project Page](#)

- Developed a mobile application to assist in teaching and learning the topic of the Zero of Functions.
- Technologies Used: Flutter, Dart.

Publications

ZeroMath: An application to assist in teaching and learning the Zero of Functions

2024

- Keywords: Numerical Methods, Zero of Functions, Educational Application, Interactive Graphs.

Languages

- Portuguese [Native]
- English [Fluent]
- Spanish [Basic]
- Italian [Basic]