

DIEGO BERNARDES SILVA

PRODUCT ENGINEER & INDIE SAAS BUILDER

Vitória, Espírito Santo — Brazil

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dbolutions.dev.br

LINKS

LinkedIn
GitHub
GitLab

LANGUAGES

Portuguese
English (C1)
Spanish

CURRENT STACK

Go
TypeScript / React
Flutter / Dart
PostgreSQL / MySQL

BACKGROUND

Python / Flask
Power BI / DAX
SAP / TOTVS
HTML / CSS

PROFILE

Product engineer focused on independently building SaaS from 0 to 1 — from problem definition to production deployment. 14 years in industrial and logistics operations before becoming a builder: I don't just write code, I solve real operational problems I've lived firsthand. I own the full cycle: architecture, API design, backend, frontend, mobile and infrastructure.

PROFESSIONAL EXPERIENCE

Product Engineer & Co-Founder

Rakkia — Vitória, ES

JUN 2024 — PRESENT

- Co-founded and led the technical architecture of Rakkia — a collaborative financial hub with two integrated products (Faz o Racha and GoShopping)
- Multi-repo architecture with two independent Go backends, unified React/TypeScript frontend and Flutter mobile app with centralized authentication via Keycloak
- Implemented fintech features — bill-splitting lifecycle, expense settlement, automatic amount splitting and per-participant transaction history
- Integrated OCR via Gemini AI for automatic receipt reading and shopping list enrichment; automated tests and CI/CD in production

Independent Software Engineer | Founder

DBSolutions Lab — Vitória, ES

JAN 2024 — PRESENT

- Full stack systems architecture and development — API contracts, data modeling, backend (Go, Python), frontend (React, Astro) and mobile (Flutter)
- Full product cycle ownership — requirements, prioritization, testing, deployment and production monitoring

Process & Data Intelligence Specialist — Supply Chain

ArcelorMittal → Grupo Simec — Cariacica, ES

MAY 2016 — PRESENT

- Technical interface between industrial operations and ERP systems (SAP and TOTVS Protheus); 20% system performance improvement through customizations and process standardization
- Development and maintenance of 23 Power BI dashboards with advanced DAX, reducing inventory discrepancies by 20%
- Python automations for operational data collection and consolidation, eliminating manual rework
- Delivery of corporate training programs on ERP, data analysis and BI tools for operational and management teams

PROJECTS

- **Rakkia — Collaborative Financial Hub** rakkia.com.br
Stack: Go, React, TypeScript, Flutter, PostgreSQL, MySQL, Keycloak, Docker
SaaS platform with two integrated products in production: bill splitting (Faz o Racha) and collaborative shopping lists (GoShopping). Mobile app and web platform.
- **Manifestly — Logistics Workflow Automation** romaneiosapp.dbsolutions.dev.br
Stack: Python, Flask, SQLAlchemy, PostgreSQL, JavaScript, Bootstrap
Digitization of paper-based logistics processes — shipping manifests, approvals, digital signatures and complete audit trails across industrial teams.
- **NonConformity — NCR Management System** nonconformity.dbsolutions.dev.br
Stack: Python, Flask, SQLAlchemy, PostgreSQL, Bootstrap, RBAC
Web system to centralize and automate the NCR workflow between Warehouse and Purchasing, replacing manual controls with complete digital traceability.

EDUCATION

- **Systems Analysis and Development**
Estácio — Vitória, ES
NOV 2021 — NOV 2023

COURSES & CERTIFICATIONS

- **SAP Fiori FullStack Trainee — Megawork Consulting**
Nov 2025 — Dec 2025
- **C1 Advanced English Level — International English Test**
Jul 2025
- **TOTVS/Protheus — Inventory & Costs Module — Udemy**
May 2025
- **PostgreSQL Certification — Programming Hub**
Mar 2025
- **Power BI Advanced — Udemy**
Jan 2025
- **Full Stack Web Developer — Flask, Python, HTML, CSS, MongoDB — Udemy**
Aug 2024
- **LGPD: Data Protection & Security — Gupy**
Aug 2024
- **JavaScript Certification — Programming Hub**
Jul 2024
- **Microsoft Excel + Power BI — Expert Track — Udemy**
Jul 2024