

Rafael Oertel

Production Engineer | Senior Project Controls & Operational Performance Specialist | Oil & Gas, Logistics & Process Governance

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Profile

Production Engineer with 13 years in project controls and operational performance, including 8 in offshore oil & gas for Equinor (via Accenture) and SBM Offshore. Foundation built in highly regulated, high-pressure environments: KPI governance, cost control, supply chain continuity and SAP-based compliance. Since 2025, applying that discipline to digital transformation at a regional transport company: governance, compliance and automation systems delivered end to end with Microsoft 365, SharePoint, Power Automate, Make and AI. Open to senior project controls, process excellence and operational governance roles in regulated industries.

Selected Results

- Migrated a 60-employee transport operation from paper and legacy Excel to Microsoft 365 in 8 months, with SharePoint architected as a lightweight ERP across operations, finance, HR and fleet.
- Consolidated 9 liability portfolios into one real-time debt-management platform and delivered the company's first structured accounts-payable workflow with automated approvals and overdue alerts.
- Built a 76-item OHS compliance framework from zero across 7 regulatory standards (NR-1/6/10/17/20/24/26), prioritized by risk severity and legal deadline.
- Promoted from Analyst to Offshore Logistics Operations Coordinator on the Equinor account within 15 months, then coordinated offshore supply operations for 5 years with a focus on cost control and OTIF.

Core Competencies

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| Project Controls & KPI Governance | Offshore Logistics & Supply Chain | Cost Control & Budget Management |
| Process Design & Optimization | Regulatory & OHS Compliance | Maintenance & Asset Performance |
| Stakeholder & Supplier Governance | Digital Transformation (M365) | Workflow Automation & AI |

Professional Journey

Sep 2025 – Present
1 YR

NOVA MACABU

Operations & Compliance Lead

Regional passenger transport company (13 buses, 60 employees) · Macaé, RJ · Self-Employed · Hybrid

Built the company's governance and operational infrastructure from zero: M365/SharePoint as a lightweight ERP, automated accounts payable, AI-triaged customer service, OHS compliance and management dashboards.

Feb 2024 – Aug 2025
1 YR · 7 MOS

SBM OFFSHORE

Project Management Specialist

FPSO operations, Brazil · Rio de Janeiro · Full-Time · Hybrid

Project controls and performance analysis for offshore assets: maintenance KPI governance, asset performance analytics and coordination between engineering, maintenance and procurement teams.

Nov 2017 – Jan 2024
6 YRS · 3 MOS

ACCENTURE · ON BEHALF OF EQUINOR

Marine Analyst › Offshore Logistics Operations Coordinator

Equinor Brazil offshore supply chain · Rio de Janeiro · Full-Time · On-site

Progressed from Analyst to Coordinator within the same account, with growing responsibility for offshore supply chain continuity, vessel and cargo planning, logistics cost control and supplier governance.

Oct 2012 – Oct 2016
4 YRS · 1 MO

AFFEROLAB

Project Management Analyst

Corporate education & consulting · Rio de Janeiro · Full-Time · On-site

Performance and cost control reporting for business units focused on strategy execution, governance and learning solutions, including the VALE account, the company's largest client.

Education

Post-Graduate in Petroleum Engineering (Drilling Operations)
Universidade Federal do Rio de Janeiro (UFRJ) · 2015 – 2016

B.Eng., Production Engineering
Universidade Gama Filho · 2008 – 2014

Certifications

CBSP Offshore Basic Safety Training · valid to Jun 2029

HUET Helicopter Underwater Escape · valid to May 2028

Tools & Systems

ERP & Analytics: SAP, Power BI, Excel (advanced)

Microsoft 365: SharePoint, Power Automate, Planner

Automation: Make, Supabase, Twilio, WhatsApp API

AI: AI-assisted analysis and classification

Languages

Portuguese	Native
English	Fluent
German	Basic
Italian	Basic

KEY ACHIEVEMENTS & DELIVERABLES

Nova Macabu · Operations & Compliance Lead

Sep 2025 – Present

- **Digital infrastructure:** deployed the company's first Microsoft 365 environment in 8 months, migrating from paper and legacy Excel, and architected SharePoint as a lightweight ERP (department sites, document libraries, data flows) replacing manual controls across operations, finance, HR and fleet.
- **Financial controls:** designed the first structured Accounts Payable system with automated approval workflows and overdue alerts via Power Automate, giving leadership real-time visibility over cash commitments for the first time.
- **Debt management platform:** built a multi-user application (PWA + Supabase, role-based access, audit trail) consolidating 9 liability portfolios into one real-time source of truth, with planned-vs-actual adherence tracking, ABC analysis, renegotiation modeling and cash-flow simulation for asset acquisitions.
- **OHS compliance:** built a 76-item regulatory framework from zero across 7 standards (NR-1/6/10/17/20/24/26), prioritizing corrective actions by risk severity and legal deadline; led an AI-assisted compliance review of 10+ years of corporate communications in support of legal counsel.
- **Customer service automation:** unified 3 channels (WhatsApp via Twilio, web and email) into one SharePoint ticket base via Make, with AI severity/category classification, unique protocols and instant replies; delivered PWA management dashboards with live SharePoint KPIs (first-response time, SLA, backlog aging) and WhatsApp Business API fleet alerts.

SBM Offshore · Project Management Specialist

Feb 2024 – Aug 2025

- **Asset performance analytics:** built and maintained uptime, reliability and maintenance KPIs supporting decisions by engineering and operations leadership.
- **Maintenance governance:** structured preventive and corrective maintenance tracking through KPI governance, improving backlog prioritization and asset availability.
- **Cross-functional coordination:** aligned engineering, maintenance and procurement stakeholders to keep critical work orders and materials within operational windows, ensuring continuity of production.
- **Project control documentation:** standardized templates and reporting, improving data integrity and the reliability of executive reports.

Accenture · Equinor · Offshore Logistics Operations Coordinator

Feb 2019 – Jan 2024

- **Logistics governance:** led integrated governance covering planning, material management and performance monitoring across supply operations, reporting to Equinor's logistics and operations management.
- **Supply chain continuity:** managed end-to-end material flow aligned with production and drilling schedules, keeping critical equipment and consumables on time to offshore units.
- **Cost optimization:** reduced logistics costs by optimizing vessel scheduling and restructuring material flow processes, improving OTIF consistency and cost transparency.
- **Compliance & risk:** strengthened SAP-based compliance controls and structured monitoring routines, raising operational control maturity across the offshore supply chain.
- **Supplier governance:** improved supplier performance management and cross-functional alignment between operations, procurement and offshore installations.
- **Deck & cargo operations:** supervised offshore loading, unloading, storage management and dangerous goods compliance (IMDG).

Accenture · Equinor · Marine Analyst

Nov 2017 – Jan 2019

- **Vessel & cargo planning:** supported supply vessel schedules and cargo manifests (deck cargo, bulk, dangerous goods) between the onshore base and offshore units, aligned with production and drilling demands.
- **Performance reporting & SAP:** built logistics KPI reports (vessel utilization, OTIF, cargo backlog) in Excel and Power BI; handled material and cargo transactions in SAP with full data accuracy for tracking and invoicing.

Afferolab · Project Management Analyst

Oct 2012 – Oct 2016

- **KPI management:** developed and monitored KPIs for financial performance, productivity and outsourced services across a portfolio of client projects, including the VALE account (over 40% of the project portfolio).
- **Budget control & reporting:** managed project budgets and reimbursable expenses as the financial interface between Sales, Logistics and Procurement; replaced manual spreadsheets with consolidated monthly reporting and KPI dashboards for leadership.
- **Cost analysis:** owned the financial analysis frameworks behind recurring monthly cost-reduction initiatives, including a 2% reduction in reimbursable expenses.