PABLO MIRALLES

AI AUTOMATION ARCHITECT & SOLUTIONS ORCHESTRATOR

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🌎 Brisbane, Australia (Open to Remote)

> **"From Megawatts to Megabytes."** Transitioned from managing large-scale energy projects to architecting AI solutions. I don't just write code; I identify business inefficiencies and orchestrate **Full-Stack Automation Systems** (n8n, Python, Power Platform) to solve them. Bridging the gap between Business Strategy and Technical Execution.

🚀 TECHNICAL PORTFOLIO HIGHLIGHTS

ISO 9001 AI Auditor (TISIA)
`Full Stack Web App`

Automated audit pipeline. Users upload docs; backend recursively checks 55 ISO controls using LLMs. **Reduces audit time from 3 months to 3 weeks.**

`n8n` `React` `Gemini API` `Webhooks`

Enterprise Resource Management
`Acciona Energy`

Developed 3 internal tools (Shadow IT): **Project Mgmt App** (Spain), **Landowner Contract Manager** (Australia), and **Cost Control DB** via Power Apps and Power BI.

`PowerApps` `Power Automate` `SharePoint` `DAX`

Field Data Digitization
`Repsol`

Replaced manual Excel workflows with a mobile PowerApp. Technicians upload on-site diesel quality data/photos, feeding a real-time Power BI dashboard for analysis.

`PowerApps` `Power BI` `Dataverse` `Mobile`

Financial Modeling & CRM Automation
`Personal Lab`

Complex Real Estate model (NPV, IRR evolution) automated via JS. Self-hosted CRM (Chatwoot) on VPS with Hybrid AI Bots for customer support.

`Docker` `Ubuntu VPS` `Javascript` `Redis`

💼 PROFESSIONAL EXPERIENCE

Business Development (Australia)
`Sept 2023 – Present`

ACCIONA ENERGÍA | Brisbane

Greenfield grid connected projects. Analyzed access capacity, used GIS for restrictions, coordinated with engineering and legal teams.

Business Development (Spain)
`Dec 2021 – Sept 2023`

ACCIONA ENERGÍA | Madrid

Developed internal tools to optimize project tracking. Managed renewable energy projects portfolio.

Technical Assistance & Product Quality
`Sep 2020 – Jun 2021`

REPSOL | Madrid

Managed diesel incidents and microbiological tests. Lead the digitization of field reporting processes.

⚡ TECH STACK

- n8n
- Docker / VPS
- JavaScript
- Python
- Power Platform
- React & Vite

🗣 LANGUAGES

Spanish — Native

English — Full Professional (C1)

German — Professional (B1)

🎓 EDUCATION

Master in AI
2025 | Univ. Isabel I & BIG School

Master Future Energies
2020 | UAM

Chemical Engineering
2019 | UAM

🌐 GLOBAL MINDSET

KITESURF | 4WD | TENNIS | FOOTBALL

Visited **15+ countries**.
Lived in **Spain, USA, Australia**.