



PAULY ALEXANDRE

Data & Digital Transformation Engineer

CONTACT

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EDUCATION

MsC Start-up & Digitale Transformation
INSEEC, Bordeaux | 2025 - 2026

Data Science Engineering Degree, HPDA option
CY Tech, Pau | 2022 - 2025

Exchange program
NYCH, Hsinchu (Taiwan) | 2024

MIASHS Degree
UPPA, Pau | 2019 - 2022

SOFTSKILL

- Autonomy
- Creativity
- Team spirit and calm
- Adaptability
- Stress resistance
- Organized and meticulous

LANGUAGE

French, native
English, B2 (805 on the TOEIC) test
Spanish, B1

OBJECTIVE

As an engineer trained in data science and digital innovation, I seek to apply my dual technical and business skills to impactful projects. Passionate about digital development and transformation, I combine strategic vision with technical expertise.

EXPERIENCE

Data Management & Digital Transformation 09/2024 - 09/2026

Work-study programme, Safran Helicopter Engines | Tarnos & Bordes

- Data governance: Leading a community of data stewards, implementing a semi-automatic cataloguing tool for **Collibra**, defining and implementing data quality rules in collaboration with business units
- Data analysis: Building a cash inflow forecasting model and a purchasing data simulation model (**Python**)
- Improving digital maturity: Front-end development of an **Angular** application (as well as **Git** and **Figma**) and creation of mock-ups for developers
- Design and development of **Power BI** dashboards for monitoring key indicators and automated monitoring tools (**Python/Excel**)

Workflow automation on ServiceNow 07/2024

Total Energies | Pau

- Gathering requirements from employees
- Developing **Ansible** scripts to automate processes via ServiceNow

FullStack web developer 06/2023 - 08/2023

Stage, MARINE NATIONALE | Brest

- Development of a web application in **Angular** and **Node.js** (DevExtreme and Sequelize frameworks) with a product-based approach
- Collaborative work with **Git**, **Figma**, Kanboard, and milestones

PROJECT

Dashboard for managing investments and budgets (**Power BI**) 02/2025

Workout log, mobile app (**Figma**, **React** & **SQ Lite**) 01/2026

Gamification of a portfolio (**HTML**, **CSS** & **JS**) 12/2025

Hackaton in project management (**WBS**, **GANTT**, zoning **Figma**, etc.) 11/2025

Edge detection of road and river (**Python**) 05/2024

E-commerce web site (**HTML**, **CSS**, **JS**, **PHP** & **MySQL**) 12/2025