

JEAN SCHOENLAUB

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Impact-driven data engineer, I thrive in fast-paced, startup-like environments where rapid iteration and delivering tangible value are key. Gritty both in and out of work, I prioritize collaboration and team synergy as much as results.

PROFESSIONAL EXPERIENCE

MORFO

Data Engineer

Montpellier, France

10/2024 - 03/2025

Developing data pipelines for remote sensing and geospatial datasets to support large-scale native forest restoration.

- Led the deployment of QField (a mobile QGIS app) to collect field data, and extract geospatial data into existing databases and cloud storage.

5B

Senior Data Integration Engineer

Integration Engineer

PV Engineer

Sydney, Australia

09/2022 - 07/2023

07/2022 - 09/2022

07/2021 - 07/2022

Led multiple cross-functional teams of 2-5 people to digitize and automate engineering, sales, and supply chain processes.

Enabled data traceability, analysis, and reporting from the factory to the field by centralizing data in AWS cloud.

- Centralised product lifecycle data, from factory to field data, in an AWS RDS, achieving 50+hrs/month saved in data entry & retrieval. Delivered 4 live dashboards, displayed on the office wall, in the first quarter of implementation.
- Decreased Engineering to Order time by 10-20% and purchase errors by 50+% by integrating PLM (3DEXperience) and ERP (Odoo) software data for the supply chain and engineering team..
- Reduced indicative quoting time by 80%, leading development of a product configuration and documentation web app for the sales team, working with structural, civil and process engineers.

HCB SOLAR

Graduate Designer

Newcastle, Australia

10/2020 - 03/2021

- Automated Single Line Diagram (SLD) drawing using Python and VBA (95% time reduction).
- Designed 300+ residential solar systems installations and 4 commercial solar projects (30-100kw).

EREN HELLAS (ACQUIRED BY TOTAL ENERGIES)

Summer internship - Data Analysis (1 month)

Athens, Greece

2017

- Supported the O&M department with solar farm data analytics.

SKILLS

- Coding: Python, SQL, AWS, Docker (and also some experience in: Typescript, React, C++, C#, HTML/CSS).
- Languages: Fluent in French (native) and English
- Certifications: AWS Certified Solutions Architect Associate (2023), Entry Certificate of Business Analysis (2022).
- Publications: Estimating the potential for semitransparent organic solar cells in agrophotovoltaic greenhouses (2022).

EDUCATION

UNIVERSITY OF NEW SOUTH WALES (UNSW)

Master of Engineering in Photovoltaics and Solar Energy; Excellence Award

Sydney, Australia

2019-2021

ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL)

Bachelor of Engineering in Mechatronics

Lausanne, Switzerland

2014-2018