JEAN SCHOENLAUB

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Impact-driven engineer with professional experience in software and data engineering. Motivated by hard technical problems, I thrive in startup-like environments where fast iteration and delivering value are paramount. I am gritty both inside and outside of work, but I also value collaboration and team dynamics.

PROFESSIONAL EXPERIENCE

ODOO   **Ramilles, Belgium**
Software Engineer   **05/2025 - Present**

2025 - Fullstack web developer for the R&D logistic team (purchase, inventory, manufacturing, barcode and shopfloor apps).
2026 - Fullstack web developer for the R&D Javascript Framework team working on OWL.

MORFO   **Montpellier, France**
Data Engineer   **10/2024 - 04/2025**

Developed pipelines for geospatial and raster data, enabling efficient processing and analytics to support MORFO's data driven large scale restoration of native forest ecosystems.

5B   **Sydney, Australia**
Senior Data Integration Engineer   **07/2021 - 07/2023**

Led multiple cross-functional teams of 2-5 people to digitize engineering, sales, and supply chain processes. Enabled data traceability, analysis, and reporting from the factory to the field by centralizing data in AWS.

- Integrated factory to field data in an AWS database, achieving 50+hrs/month saved in data entry & retrieval, reporting to SC, Sales and Finance, with 4 live dashboards in the first quarter of implementation.
- Decreased Engineering to Order time by 10-20% and errors by 50+% by integrating our PLM (3DExperience) and ERP (Odoo) software.

HCB SOLAR   **Newcastle, Australia**
Graduate Designer   **10/2020- 03/2021**

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

EREN HELLAS (ACQUIRED BY TOTAL ENERGIES)   **Athenes, Greece**
Summer internship - Data Analysis (1 month)   **2017**

Supported the O&M department in analyzing solar farm data, and delivered findings from a comprehensive month-long study on the effectiveness of solar panel liquid treatments.

SKILLS

- Code: Python, JavaScript, Typescript, C++, HTML/CSS, SQL.
- Tools & Frameworks: AWS, React, PostgreSQL, Docker, Terraform, Github.
- Languages: Fluent in French (native) and English, rudimentary German (B1) and Spanish (A2).
- 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)   **Sydney, Australia**
Master of Engineering in Photovoltaics and Solar Energy; Excellence Award   **2019-2021**

ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL)   **Lausanne, Switzerland**
Bachelor of Engineering in Mechatronics   **2014-2018**