Julien MOURIER

Manly NSW, Australia +61 491 062 860 julienimourier@gmail.com 14/05/1988 Australian Permanent Resident

Renewable Professional Looking for Part-Time

LinkedIn profile

Portfolio Website

PROFESSIONAL EXPERIENCE

2/2020 - 10/2022 Battling Disease... and Learning New Skills

2.5 years



- Autoimmune illness: going through treatment, gradually implementing completely new lifestyle and diet, researching the literature on the subject extensively, etc
- Using the free time to exercise, and trying out and accomplishing new things:
 - Progressively running from 2km to 5, 10 and the Ultra Trail Australia 22km
 - Learning how to: swim freestyle, sail a boat, scuba-dive, surf, skateboard, ...
 - Passing my Boat Driving Licence
- Learning new technical skills online: see Skills at the end of resume

7 months

7/2019 – 1/2020 RES Australia – Sydney, NSW, Australia Site Manager/Plant Performance Manager



- **During Construction Phase:**
 - Assist Construction Project Manager to deliver both EPC and Grid contract
 - Oversee plant walk-downs post construction to develop contractor punch-lists and oversee punch-list close out
 - Ensuring the integration of each new WTG in the different SCADA systems
- **During Operations Phase:**
 - Supervise site-based activities and lead on-site contractors
 - Oversee the work of contractors, meeting on a regular basis to discuss the ongoing performance and availability of the generation systems
 - Troubleshooting telecommunication and dispatch systems issues
 - Cooperating with global RES teams in order to draw on centralised expertise

6 months

2/2018 - 7/2018 Catcon - Bungala Solar Farm, 220MW - Port Augusta, SA, Australia **Project Engineer**

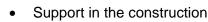


- Coordination of the installation of 420.000 PV modules on tracker systems
- PV panel installation quality control & remediation of defects
- Day-to-day management of construction site issues:
 - Staff and machinery (400+ labourers, 50+ heavy machineries)
 - Trenches for high-voltage cables and for DC cables
 - Civil works around power stations and weather stations
 - Delivery of materials from lay-down to building area and waste management

5/2017 - 12/2017 InnoVent - Lille, France



Project Manager



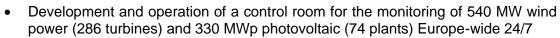
- Support in the construction of two 38 MW wind farms (12 WTG Siemens 3.2MW)
 - Monitoring the civil works (earthwork, excavation, foundation concrete pouring) and the turbine erection works
- Project preparation of a 36MW wind farm in Morocco (12 second hand turbines)
 - Organization of sea transport (blade frame supports, lashing/securing of towers on ship, crane lifting, maritime company selection, customs), involving frequent travels to the components storage port in Finland
 - Identification, quotation and supply of all transport and lifting tools
 - Preparation of the overhaul/reconditioning work of the old nacelles
 - Maintenance activities hands-on training with technicians
- Leading a lifting operation of generator exchange (30T generator, 25T rotor)
- Installation of a 41kWp solar system on own office facilities

2/2015 – 12/2016 Vergnet – Ashegoda Wind Farm Project, 120MW – Mekelle, Ethiopia Operation and Maintenance Site Manager (Technical Coordinator) 2 years

- Coordination of all Operation & Maintenance technical aspects of the Ashegoda Wind Farm for client Ethiopian Electric Power (EEP)
- Staff management of 10 Vergnet technicians for Phase1 (30MW)
 - Planning and assignment for preventive and corrective maintenance
 - Organization of trainings (electrical, mechanical, safety, working at height)
- Management of subcontractor Alstom/General Electric for Phase 2/3 (90MW)
 - Follow-up and check of their maintenance operations
 - Ensure fulfilment of contractual obligations
 - Cooperation work on topics affecting the whole Wind Farm
- Weekly/Monthly/Yearly reporting to Ethiopian Electric Power (EEP)
- Clearance of Punch List and Final Taking Over obtained
- On-site involvement in various topics (SCADA system, troubleshooting, HV cells operating, overhead lines repair, grid stabilization, PLC, incidents solving)
- Logistics, supply spare parts, purchase, coordination with French headquarters

2 years

4/2013 – 2/2015 BayWa r.e. Operation Services GmbH – Munich, Germany Control Room and SCADA Engineer



- o Daily multilingual communication with technicians from Germany, France, Italy, UK and recording of their on-site carried out activities
- o Reporting of faults and outage, communication with other wind centers
- Configure software and manage SCADA alarms
- o Analysis of data in order to diagnose and resolve issue

Asset Manager

Management of solar plants for the clients

- o Planning of the maintenances, delivering of analytical and performance reports, initiation of repairs and retrofits
- o Management of technicians and maintenance contractors, as well as telecommunication, grid or insurance companies on behalf of the client
- o Implementation of technical improvement (data-logger lightning protection)

2/2012 – 2/2013 **BELECTRIC – Béziers, France**

Project Developer

- Logistics manager for the components delivery of a portfolio of 29 * 100 kWp solar roof systems on agricultural hangars (11.600 PV modules, 174 inverters)
- Project development of solar systems
 - o Creation of layout plans, electric plans, yield prognosis and cost analyses
 - Development of a tool for the calculation of CO2 emissions and its return time

Construction Assistant

Support in the construction planning and construction supervision of utility-scale solar power plants (56 MWp, 12 MWp)

6 months

9/2010 - 1/2011 INP North America - Atlanta, USA

- Support of the power plant department
 - o Reading through the control program of a gas power plant as statement list language (STL), comparison with the circuit diagrams and update of these plans (in view of a changeover from Siemens to Emerson control system)
 - Site visit of the Combined Cycle Gas Turbine (CCGT) plant for implementation
- Development of a tracking and guidance system for tanker trucks
 - Image acquisition of an infrared camera
 - Writing of a C ++ program that retrieves the data from the camera, analyzes them and recognizes the hatch of the truck in all conditions
 - o Writing of a program using STEP 7 software for the command of guiding lights for the truck through a programmable logic controller (PLC) Siemens S7
 - o Development of a human-machine interface (HMI) using WinCC flexible



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EDUCATION

2009 – 2012 University of Technology of Belfort-Montbéliard (UTBM) – Belfort, France

Degree: *Master's Degree*Major: *Electrical Engineering*

Minor: Corporate management (contract law, accounting, asset management)

2006 – 2009 National Institute of Applied Sciences (INSA) – Rennes, France

Degree: Bachelor

Major: Mathematics, Physics, Telecommunications

2003 – 2006 High school Saint-Riquier – Amiens, France

Degree: High school diploma Major: scientific branch

SKILLS

GIS (ArcMap) GIS, Mapping, and Spatial Analysis Specialization - University of Toronto

How to analyze spatial data using cartography and spatial analysis techniques Practiced extensively through numerous Australian case studies (see portfolio)

WASP WASP online course - Technical University of Denmark (DTU)

Being one of the main components of WindPRO, the WAsP software is the industrystandard for wind resource assessment, siting and energy yield calculation for wind turbines and wind farms. It was also the basis for the Global Wind Atlas.

Numerous exercises and case studies, and interactions with the WAsP developer

team -> fully capable of conducting wind resource analysis (see portfolio)

PVsyst Self-taught - PVsyst tutorials and documentation

Hundreds of hours of practice through all parts of the software, 200+ pages of notes,

and major contribution on the PVsyst Forum

Proficient to carry grid-connected, stand-alone, storage or self-consumption analysis

Python 100 Days of Code: Python Pro Bootcamp - Udemy

80+ mini-projects built in Python programming language, from scripting/automation to

web scraping to web development to data science

Various Sunny Design, Skytron PVGuard, MeteoControl, Windplant, Wind SCADA Systems

(Vestas, Enercon, Senvion, Alstom/GE, Nordex, Gamesa)

Languages English: fluent, Pearson Test of English (PTE) 90, TOEIC 975/990, FCE Cambridge

German: advanced, 2+ years in Germany, Zertifikat Deutsch (B1)

French: native language