



OLIVIER CASALTA

Project Engineer

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PROFESSIONAL EXPERIENCE

2020 - today

QUASAR SYSTEM LTD, **Project Engineer**, [Christchurch, New Zealand](#) (click [here](#))

- Development, design and commissioning of energy and power management systems
- Managing the interface with the client and contractual claims
- Programming and configuration of controllers (SCHNEIDER))
- Specifications for customized energy supervision system
- Production of wiring and communication networks diagrams
- Development of load management software (CONTROL)
- Deployment of CONTROL on the distribution network

2018 - 2020
1 year
+ 10 months

SETPOINT SOLUTION LTD, **Commissioning Engineer**, [Christchurch, New Zealand](#) (click [here](#))

- Commissioning and testing for building and lighting automation industry (SIEMENS)
- Configuration and programming software
- Production of CAD drawings
- Carry out fine tuning and maintenance of mechanical services
- Commissioning BMS in HVAC for the new major constructions in Christchurch : Shirley Boys Avonside Girls school, QEII pool, CDHB Outpatient Building, New Central Library

2017 - 2018
1 year

SMOOTH AIR PRODUCT LTD, **Sales & Estimator Engineer**, [Christchurch, New Zealand](#)

- Proficiency of G4 building code, HVAC system as per AS1668
- Pricing of ventilation material for small/large scale construction project
- Design of ducted system for domestic and commercial projects: Ducting, Grilles, Fan, Heat Recovery Unit, Ducted Heat Pump, Commercial Kitchen Extract
- Technical advisor and support for Customer Service
- Control of manufactured products at final stage before delivery

2015 - 2017
2 years

GE POWER SERVICES (ex ALSTOM), **Tender & Methods Manager**, [La Courneuve, France](#)

- Responsible of field service tender for electrical and boiler scope on all power plants
- Managing engineers' team for tender and method projects (5+ engineers)
- Development of methods for field service operations (creation of 3D models with CAD software CATIA to plan service on nuclear equipment)
- Creating, developing and performing training sessions for technicians and engineers around site's organization

2015 - 2013
2 years

ALSTOM POWER SYSTEMS, **Electrical & IC Construction Manager**, [Narva, Estonia](#) (click [here](#))

- Responsible of the electrical works for the new thermal power plant (1x300MW)
- Managing electrical site supervisors and site technical office (15+ engineers and technicians)
- Design of new arrangements and cabling drawings for site changes
- Managing electrical subcontractors and assets
- Responsible for the interfaces with the client and contractual claims

2013 - 2012
1 year

ALSTOM POWER SYSTEMS, **Electrical Construction Manager**, [Flamanville, France](#)

- Responsible of the electrical works for the new nuclear power plant (1x1650MW)
- Managing electrical site supervisors (5+ engineers and technicians)
- Managing subcontractors and assets
- Managing the interface with the client and contractual claims

2009 - 2012
2 years
+ 3 months

ALSTOM POWER SYSTEMS, **Electrical Construction Manager Deputy**, [Terga, Algeria](#) (click [here](#))

- Supervision of the electrical works for the new gas combined-cycle power plant (3x400MW)
- Managing electrical site supervisors (7+ technicians)
- Managing the interface with the partner of consortium

PROFESSIONAL EXPERIENCE

2009
6 months

SPHER'X MAROC, **Technical Manager**, [Casablanca, Morocco](#)

- Management of commissioning teams for the installation and maintenance of medical products
- Managing electrical site supervisors (5+ technicians)
- Technical support 24/7 over the country

2005 - 2008
3 years

TDM, **Mechatronics Engineer in a work-linked training program**, [Mérignac, France](#)

- Design of test bench and on-board systems for aeronautic industry (Thalès, Airbus, Dassault)
- Responsible of the manufacturing prototypes in production process

2005
5 months

INSERM, **Technician Applied Physics**, [Montpellier, France](#)

- Responsible of the software application for medical research lead by national PhD medical team
- Creation of the software application for modelling spontaneous activity of auditory nerve fibres

EDUCATION

2005 - 2008
3 years

Master's engineering specializing in Mechatronics, [Ile-de France, France](#)

- Sciences and Technics Institute of Yvelines (ISTY)
- Recognized NZ qualification ([click here](#))

2003 - 2005
2 years

Two-year university degree in technology (DUT) in Applied Physics, [Montpellier, France](#)

- University institute of technology (IUT)

2020

Certificate in Computer Science CS50x, [EDX, online](#)

- Harvard University

PROFICIENCY

Languages

French : Mother tongue

English : Fluent

: 7+ years of work in an English-speaking environment

Computer

Office Project Management

: Word, Excel, Power Point, Outlook, MS Project

CAD & Mechanical

: Catia V5, Autocad, Projecad

Computer Systems

: C/C++, Python, Matlab, LabView

Communication / BMS / EMS

: Modbus, BACnet, Siemens XWorks, ION Designer

Database

: SQL

Certifications

Electrical NF C 18-510 H2/B2/BR : Ability to conduct electrical works (LV & HV) as site manager

Driving

Full clean French & NZ & international driving license

REFEREES & LINKS

New Zealand
France

Referees (*Contact details of referees available on request*) :

- Setpoint Solution Ltd
- GE Power, Colas Rail

Links :

- Recommendations are also available [here](#)
- For more information about my profile, please see my personal website:

 <https://oliviercasalta.github.io>

LinkedIn
Personal Website