

Michael Logan

Masters Qualified | Experienced OT/IT Professional

0448 016 918

[linkedin.com/in/mlogan-au](https://www.linkedin.com/in/mlogan-au)

rmloganj@gmail.com

SUMMARY

Highly motivated and detail-oriented engineer with over 4 years of experience in OT technology, specifically SCADA systems, and a proven track record of success in the transport industry. Possesses a Master of Engineering in Renewable Energy and a dual Bachelor of Mechanical Engineering and Bachelor of Commerce. Known for exceptional problem-solving skills and a strong ability to analyse complex data during time sensitive events. Seeking a challenging role in the renewable energy market where my expertise in data analysis and engineering can contribute to the development and implementation of sustainable energy solutions.

PROFESSIONAL SKILLS

Proficient in:

- GE PowerOn Fusion/Restore, Linux (RHEL), VMWare Virtualization, AVEVA-PI (formerly OSI), MOSAIC
- Various proprietary application builds, deployment and management
- Communication, analytics, problem solving, stakeholder engagement, teamwork
- Python (ML, DL & AI), SQL, Perl, HTML, XML, C
- Windows administration, networking across demilitarised domains
- SolidWorks (advanced), AutoCAD suite, Creo PTC Parametric
- Word, Excel (high proficiency), Visio, Project, PowerPoint, Access

Additional skills:

- G-code and M-code in the use of machining and additive printing methods
- Confident in the use of; drills, saws, angle grinders, TIG welder, mechanical tools

EXPERIENCE

CitiPower Powercor • OT/SCADA Technical Specialist Nov '21 – Present

- System administration using VMware VSphere and Windows Server Domain Controllers
- Product feature customisation and monitoring using Python, PS, Wireshark and scripting
- Integration and deployment of various automation programs such as DERMS, FDIR and load flow analysis
- Successfully deployed a project of 70 machines to an OT production environment with a new SOE
- Manage and prioritise BAU incidents and minor enhancement projects across APAC region
- Mentoring and leading graduates during rotations with the team
- Efficiently diagnosed & resolved complex hardware, software, and network issues within OT environment

CitiPower Powercor • IT Graduate Jan '20 – Oct '21

Providing power to over 1.2 mil homes across Victoria by operating a network of poles, wires and infrastructure that distribute electricity to and from our customers

- Created mechanisms for project benefit (non/financial) reporting and tracking through ETL processes
- Delivered business ready upgraded historian and web interface (OSI PI)
- Standardised naming conventions for network assets devices across GIS, OMS and DMS
- Significantly reduced down-time of field communication devices through preventative procedure

V. Orlandi • Sales and Logistics Manager Jan '17 – Jun '17

Based in Italy with more than 20 years presence in the Australian market, V. Orlandi designs and manufactures heavy duty towing systems, with a product range designed and developed for local conditions including military and mining operations

- Forecast and maintained stock levels and lead times as products were imported internationally
- Aligned customer requirements with an appropriate solution from our product range
- Configured and implemented online CRM tool to meet company needs

LazyDayz • Engineer / Draftsperson

Jun '16 – Jan '17

Melbourne based small business importing luxury motor homes and trailer systems from USA and Europe and converting to local standards to be sold into the Australian market

- Created SolidWorks models and AutoCAD drawings to enable local manufacture
- Optimisation of the design of car trailers to meet Australian specifications
- Fabricated CAD models of laser cut materials ensuring structural integrity, compliance and appropriate load pathing to Australian safety standards

EDUCATION

Various Online coding/ML/DL/AI courses

2020 – Present

AIM – Various corporate professional development courses

2020 – Present

M.Eng. (Renewable Energy) – Swinburne University

2018 – 2020

B.Eng (Mechanical) / B.Com (Management) – Swinburne University

2009 – 2016

- Awarded Rex Gotch Prize for final year project
- Volunteer tutor, o-host and mentor

INTERESTS

My interests are ranging in a variety of several physical activities such as bouldering, hiking and bicycle riding to more niche activities like building mechanical keyboards, AI deployment and developing cocktails. I have recently renewed my interest in strategic board/card games and thoroughly enjoy the opportunity to challenge my logical and analytical thinking. Being passionate about renewable energy, in my leisure time I also appreciate extending my knowledge and understanding of companies and government bodies that are actively contributing to renewable energy on a governance and engineering level.