**WILL BOLIVAR**

**Operations Engineer | Network Incident Management Analyst | Commissioning**

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**PROFESSIONAL SUMMARY**

Analytical and detail-driven engineer transitioning into **data analytics and business intelligence** after 20+ years in the power utility sector. Experienced in network operations, incident management, and commissioning with a proven ability to **solve complex technical problems using data**. Currently completing advanced training in **SQL, Python, forecasting, statistics, and machine learning**, with the goal of applying engineering rigour to deliver actionable insights for business and operational decision-making.

**KEY SKILLS**

**Data & Analytics**

* SQL (joins, window functions, performance tuning)
* Python (Pandas, NumPy, forecasting models, data wrangling)
* Excel/Power Query (automation, reporting dashboards)
* Data Visualization (Tableau/Power BI)
* Statistical Analysis & Machine Learning (in progress, DSI Infinity course)

**Engineering & Systems**

* Contingency & stability analysis for high-voltage networks
* Outage and incident management, fault investigations
* Commissioning (IEC61850 integration, HV plant, secondary systems)
* Project risk assessment and staging

**Tools**

* SAP, PI Process Book, MS Project
* Schneider EASERGY, SEL Quickset, ABB PCM600, Siemens DIGSI, GE Enervista

**Certifications & Affiliations**

* RPEQ 08107 | MIEAust 2779513
* Certificate IV Frontline Management (AIM)
* Certificate III Dog Behaviour & Training (NDTF – personal)

**RECENT EXPERIENCE**

**Operations Engineer | Powerlink Queensland  
*Oct 2023 – Present***

* Deliver contingency and stability analysis for planned/unplanned outages across Queensland’s transmission network.
* Assess and model impacts of generator hold point, stability, and HV disturbance testing.
* Provide technical input into network outage planning with AEMO.
* Verified EMS network models to support real-time operational reliability.

**Network Incident Management Analyst | Powerlink Queensland  
*Sep 2019 – Oct 2023***

* Managed real-time incident response across Queensland’s Southern, Central, and Northern networks (on-call).
* Investigated medium/long-term incident patterns to identify systemic issues.
* Initiated and delivered small-scale engineering projects via Powerlink’s task request platform.
* Supported outage engineers with risk mitigation for maintenance and project work.

**Commissioning Engineer | Powerlink Queensland  
*Mar 2007 – Sep 2019***

* Led commissioning for CAPEX and refurbishment projects across QLD.
* Developed project staging plans, commissioning advice, and estimates.
* Coordinated testing and integration of IEC61850 IEDs with legacy systems.
* Represented Powerlink in SPA contracts and substation outage planning.

**EARLIER ROLES**

* Electrical Engineer | AECOM (Maunsell) – Substation design standardisation and Powerlink NQ reinforcement projects (2005–2007).
* Field Application & Test Engineer | PLC Services, Venezuela – Factory & site acceptance testing, relay protection schemes, instructor roles (2000–2005).

**SELECTED ACHIEVEMENTS**

* Published *“Dual Auto-reclose Scheme with Distance Protection for the El Furrial 230kV Substation”* (GE, 2005).
* Reduced outage assessment turnaround by streamlining contingency analysis templates.
* Successfully commissioned 10+ substations integrating IEC61850 and legacy systems without safety incidents.
* Supported operational continuity during multiple major outage events by implementing rapid risk-based assessments.

**EDUCATION AND PERSONAL DEVELOPMENT**

* BEng – Electrical Engineering, Universidad del Tachira (1998)
* Data Science & Analytics (in progress) – DSI Infinity (SQL, Python, forecasting, ML)
* Planned: RMIT University, Business Analytics (2026)

**REFERENCES**

References available upon request.