

Gary Jones

Seeking opportunities to apply my extensive experience in data analytics, data management and technology roles to deliver insights and support decision making. Passionate about data analytics, business intelligence to drive data-driven decision making, logistic and supply chain outcomes.

✉ garyjonesinfo@gmail.com
☎ +61 421 745 790
🌐 www.linkedin.com/in/jonesga

SUMMARY

An experienced data analyst, data management, engineer and technology specialist with extensive experience turning large data sets into actionable insights across defence, logistics, aviation and finance sectors with Australian and UK based companies. Outcomes delivered to clients including Australian and UK defence Forces, Airbus and National Australia Bank. Experience includes hands on data analysis, reporting solutions development, through to database development and management including cloud-based data storage and full stack technology solutions to deliver insights and reporting outcomes.

EDUCATION

Master of Technology (Software | Data Analytics)
Swinburne University of Technology

Postgraduate Certificate Multimedia (Web Dev)
Swinburne University of Technology

Bachelor of Mechanical Engineering (Honours)
Monash University

SKILLS

- Strong data analysis, problem-solving, report writing skills
- Experience with database development, AWS cloud infrastructure/ database management, logistics software (Raytheon EAGLE and OPUS10 Modelling), data visualisation tools and reporting tools such as Tableau, Power BI, SQL, Python, MATLAB, and Microsoft Access.
- Excellent communication, time management, leadership, strategic planning, requirements gathering and project management.

EXPERIENCE

Integrated Logistics Support (ILS) Analyst: *Hanwha Defence Australia*

Jan 24 – Present

- Delivering technical and data analysis for the development of the logistics, maintenance and asset management program for development of new LAND 400 infantry fighting vehicles.
- Setup of data management program, importation and review of incoming technical data from subcontractors into the Logistics Support Analysis Records (LSAR) to support inventory management and supply chain program; data mapping, SQL script development and extraction of data elements for downstream program activities including ILS programs (CDATA, RPL, IETP) and modelling analysis for spares.
- Development and analysis of item selection for maintenance program (inclusive of FMECA, LORA, MTA) as well as the population of the LSAR using Raytheon EAGLE software configured to Australian Defence standards (LSA standards DEF 5692).

Senior Data Analyst Engineer: *National Australia Bank*

Apr 19 – May 23

- Development and delivery of microservices into the cloud supporting delivery of regulatory Suspicious Matter Report submissions to the government regulatory body AUSTRAC.
- Frontend development of mini-apps and setup of cloud infrastructure for deployments to the cloud, delivering increased operational efficiency in data analysis and reporting.
- Full stack development in React, Typescript and Java Spring boot of API and web application deployed to production in AWS.
- DevOps and management of Infrastructure as code in terraform for over 20 API and web applications deployed in AWS.

Director and Consultant | *WhereAreYou Analytics and Data Solutions*

Aug 17 – Present

- Delivery of data solutions ranging from data analytics and visualization, database development and management for clients including OneAlpha Technologies, Gao Consulting, Sunshine Coast and Coffs Harbour Airports, Flight Safety Foundation.
- Flight Safety Foundation project key outcomes included: development and delivery of data management system for the worldwide aircraft accident assessment, and data analysis/modelling and creation of dashboard analytics using Tableau.

Principal Aerospace Engineer | Software Developer: *Defence Science and Technology Group*

Jan 11 – Jul 18

- Developing data management process and aircraft flight test programs for military aircraft to support fleet asset management programs. Including process bulk flight data to predict structural life and development maintenance inspection programs.
- Research and development of load actuator optimisation model and data visualisation in MATLAB.
- Design, development and roll-out of flight instrumentation software and data management system.
- Awarded Best Engineering Technical Support C-130J and PC-9/A Loads Measurement.

Senior Stress Engineer: *Magellan Aerospace and GKN Aerospace*

Nov 08 – May 10

- Conducted design verification and certification of aircraft components for military and commercial aircraft including Airbus.
- Delivery of stress check certification analysis and documentation for Airbus A400M, A310, A340 and A380 type aircraft.