

Education:

University of New South Wales (UNSW)	
Bachelor of Aerospace Engineering (Honours)	Completed in 2019
Academy of Interactive Entertainment (AIE)	
Diploma of Information Technology	Completed in 2024
Diploma of Screen and Media	Completed in 2024
Advanced Diploma of Game Design (Programming)	Completed in 2025

Professional Experience:

Bureau Veritas, Australian Naval Seaworthiness Authority (ANSA)	
Regulatory Specialist	OCT 2025 – Present

I am sub-contracted by Bureau Veritas into ANSA to assist in implementing the Australian Naval Seaworthiness Regulations (ANSRs). As a regulatory specialist I work directly with Australian Defence Force Personnel who operate vessels to help them understand how to most effectively assure seaworthiness. I also support their efforts to ensure their operations remain safe.

As a regulatory specialist I perform assessments of assurance evidence, write policies and procedures for other regulators, and train members of the ADF and APS to ensure they understand their regulatory and legislating obligations. A large part of the role is maturing the relationships between regulated and the regulator. Ensuring everyone is well informed, accountable, and issues are addressed and resolved maturely.

General Dynamics, Jet Aviation (JA) Australia	
CAF11 Design Engineer	OCT 2022 – OCT 2023
CAF11 Lead System Safety Engineer	NOV 2023 – OCT 2025

My role at Jet Aviation (JA) encompasses leading system safety engineers and maintaining bespoke legacy software. When I first joined Jet Aviation, I designed repairs and modifications for the ADF B300 fleet but as I had been developing my programming skills in my personal time I was asked to help maintain the team’s bespoke in-house legacy software. I implemented a version control system (Git), wrote code documentation, and trained other junior engineers to maintain the code to ensure I did not become a single point of failure.

In late 2023, I took on the responsibility of Lead Engineer of the System Safety Program. To ensure program stability within a lean team I instigated a complete review and overhaul of the System Safety document suite, whereby I reviewed, updated, or re-wrote all plans, work instructions, and manuals to ensure they were usable and effective. I created process flowcharts and diagrams to improve onboarding and automated most of the program’s reports to enhance speed and consistency while reducing work strain. I continue to mentor the more junior engineers and recently did a presentation on CSS.

CASG, Aerospace Simulation Management Unit (ASMU)	
Dept. Portfolio Manager	AUG 2022 – SEP 2022

While at ASMU, I worked on the C-130, C-27, and KC-30 RAAF fleets’ training management and simulation devices. My role was to optimise simulator systems and integrate disconnected systems to improve interoperability and reduce costs.

CASG, Airlift Systems Program Office (ALSPO)	
Airworthiness Engineer and Governance Assurance Officer	MAR 2020 – JUL 2021
Lead Airframe Structural Integrity Engineer	JUL 2021 – AUG 2022

As a governance and assurance officer, I managed areas of heightened concern and liaised with stakeholders to foster improvements and achieve program stability. I was promoted to Lead Airframe Structural Integrity engineer for the RAAF C-130J and C-27J platforms, which involved higher technical and managerial demands in a fast-paced environment.

Skills:

- Clear and confident written and oral communication abilities.
 - Broad technical mechanical and aeronautical engineering experience.
 - An interest in finding solutions to interesting problems.
- Modelling and simulation experience.
 - Strong experiences in coding and programming (C++, Unreal, VBA, JS, and more).
 - Experience with Git, Git-hub, Perforce, and other Version Control systems.
 - The ability to perform under pressure when outcomes are unknown.
 - A desire to learn, fix, and innovate.