



# JOSEPH LUKIES

## MECHANICAL ENGINEER

New Zealand Citizen with right to work in the UK

### CONTACT

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📍 LONDON, UK



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🌐 [nordheim.co.nz/portfolio](https://nordheim.co.nz/portfolio)

### COMPETENCIES

#### CRITICAL THINKING

The ability to **comprehend, analyse and apply logical processes** to problems, constantly focused on producing a reasonable course of action to achieve outcomes.

#### CONTINUOUS IMPROVEMENT

Accredited Lean **Six Sigma Green Belt practitioner**, with significant experience in process improvement. With a keen eye for uncovering process breakdowns and inefficiencies, I maintain the ability to conduct **root cause analyses** and implement changes accordingly.

#### ADAPTABLE

Flexibility to perform under a range of circumstances and requirements. Manages self-resilience, remaining **objective focused**. Significant exposure to dynamic, **fast paced maintenance industry**, where communication and co-operation remains critical.

### OBJECTIVE

Utilise my developed, dynamic skillset to implement, sustain and improve processes unique to the organisation. Advise, manage and steer a team in a competitive manufacturing environment to best deliver industry leading technologies.

### PROFILE

A curious interest in mechanical systems has resulted in a thirteen-year period of employment with the New Zealand Defence Force, maintaining aircraft in a comprehensive and modern maintenance environment. This exposure has presented several opportunities to develop a thorough understanding of many mechanical systems as well as gaining significant engineering experience and professional qualifications. I have developed a strong sense of resilience, commitment, teamwork, and dependability, and through a Defence Force scholarship, I was able to complete a Bachelor of Engineering Technology (Mechanical).

With critical thinking and technical comprehension as core competencies, I am ready to transition across to the manufacturing industry, where I intend to utilise my technical proficiency in a range of mechanical disciplines. Upholding the motivation to identify & resolve inefficiencies, the field of continuous improvement and SOP development has become a proven strength and serves as significant area of interest for me.

### EXPERIENCE

Royal New Zealand Airforce		
2025   2021	Technical Supervisor	Personnel & task management, maintenance scheduling, SOP development, conformance with H&S and organisation policy (CAA 145). Problem analysis with efficient, solution focused outputs. Influence engineering staff, manage risks and communication with stakeholders to achieve outputs. Recipient of the 2025 Group Captain Watt award, recognising technical merit and improvements to workplace efficiency.
2021   2012	Technician	Practical experience repairing/maintaining structural, powerplant and hydraulic aircraft systems. Comprehensive use of engineering documentation & CMMS (SAP). Ability to interpret drawings, data, etc. Constant improvement focus, practising lean six sigma, 5S, root cause analysis tools etc.. Notable achievement – awarded the RNZAF university scholarship to complete a Bachelor of Engineering Technology.

## TECHNICAL COMPREHENSION

Real-world exposure to a wide breadth of mechanical engineering disciplines. User of CMMS (**SAP**), **technical publications**, and the ability to interpret engineering **data and drawings**. Familiar with CAD software **Fusion 360 and SolidWorks**. Confident hand skills and comfortable in an engineering space. Full computer literacy, proficient in MS office products.

## LEADERSHIP

A modern, influential and **respectful leader** of people and systems. Extensive exposure and development within the military framework enable me to become a **well-tested** positive role model, **effective team member**, and strong practitioner of 'lead by example'.

## PROJECT MANAGEMENT

Able to **prioritise resources** and project timelines. **Communicates effectively** and manages outputs, ensuring efficient delivery of products. Aware of critical path management and experience in proactively mitigating potential blockers.

## INITIATIVE

Seeks tasks and maintains professional discipline. Responsible for **ensuring quality of work** produced is of a high standard. Able to independently conduct tasks and make decisions to best produce **effective results**.

## POLICY ADHERENCE

Understands importance and conformance with **organisational/HSE policy** and legislation. Upholds **safety standards** and maintains a safety conscious working environment including **risk assessment**, risk management and active reporting culture.

Concurrent Experience		
2025   2024	Nordheim Furniture Self Employed (Part Time)	Bespoke furniture/internal fixture design and fabrication. Practising the design process from ideation to fulfilment. Utilisation of CAD software (Fusion 360, Solid Works) for design conceptualisation and FEA.  Customer centric business ethic while maintaining efficient, low wastage, fabrication processes.
2023	Rocket Lab Manufacturing Engineer (Internship & Part Time)	Engineering internship resulting in part time employment.  Analysis of production & component failure points in a fast-paced manufacturing environment.  Communication with stakeholders, deadline adherence & adaptability. Working within different organisation sections and teams.

## EDUCATION

### AUCKLAND UNIVERSITY OF TECHNOLOGY

2023 | Bachelor of Engineering Technology (Mechanical)  
Pass with Clear Distinction | NZGPA 8.7

### NZ INSTITUTE OF SKILLS & TECHNOLOGY

2022 | Diploma in Aeronautical Maintenance Certification  
Fixed-wind Aeroplane & Powerplant Systems

## QUALIFICATIONS & CERTIFICATES

### NZ QUALIFICATIONS AUTHORITY

Level 6 | Aeronautical Engineering, *Production Control*  
Level 4 | Aeronautical Engineering, *Aircraft Mechanical Business, First-Line Management*  
Level 3 | Aeronautical Engineering, *Aircraft Servicing Business, Introduction to Team Leadership*

### INDUSTRY ENDORSEMENTS

Royal Aeronautical Society | 2025 Group Captain Watt Award Recipient  
Lean 6 Sigma | Green Belt Certified  
White Belt Certified  
NZ CAA | Aeronautical Maintenance Engineering Licence  
RNZAF | Sergeant Professional Development Course  
Corporal Professional Development Course

## REFERENCES

Available upon request, please contact me through [linkedin](#) or email.