

# Luke Arthur Moorhouse - Resume

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## Professional Summary

A Defence Veteran and Technical Business Analyst with over a decade of military aviation experience. Currently pursuing a Bachelor of Computer Science; I blend military precision with expertise in software engineering and business analytics. I am seeking internship opportunities to further enhance my software development skills.

## Education

- Bachelor of Computer Science  
University of Wollongong, NSW,  
Australia  
Feb 2022 - Present
- Certificate IV in Leadership and Management  
Defence Registered Training Organisation (DRTO)  
2020 - 2021
- Certificate IV in Government  
Defence Registered Training Organisation (DRTO)  
2020 - 2021
- Diploma of Work Health and Safety (WHS)  
College for Law and Educational Training (CLET)  
2010 - 2020
- Diploma of Project Management  
College for Law and Educational Training (CLET)  
2010 - 2020
- Diploma of Quality Auditing  
College for Law and Educational Training (CLET)  
2014 - 2019
- Diploma of Business  
College for Law and Educational Training (CLET)  
2010 - 2020
- Certificate IV in Aeroskills (Mechanical)  
TAFE NSW  
2010 - 2014
- Australian Security Clearance NV1 (Active)

## Professional Experience

- Technical Business Analyst (Part-time)  
Australian Army - Remote  
Jan 2023 - Present
  - - Provided critical expertise in developing a mental health application tailored for the Australian Defence Force (ADF).
  - - Collaborated with vendors to expand the application's reach, enabling ADF members to participate in self-assessments and access resources for mental well-being.
  - - Managed software development lifecycle, focusing on functionality, security, and user experience.

- Aircraft Maintenance Engineer (B1.3C MAML) - Mechanical Trade Supervisor (Part-time)  
Australian Army, Holsworthy Army Barracks  
Oct 2021 - Present
  - - Led a team in maintaining the S-70A-9 Black Hawk and MRH-90 helicopters, ensuring overall airworthiness.
  - - Conducted inspections, repairs, and modifications following Defence Aviation Safety Regulations (DASA).
  - - Provided data management advice on maintenance documentation.
- Combat Fitness Leader (PT Instructor, Part-time)  
Australian Army, Holsworthy Army Barracks  
Oct 2021 - Present
  - - Delivered physical fitness training, group work, and coaching.
  - - Developed and implemented strength and conditioning programs.
- Senior Data Manager, Maintenance Control Section  
Australian Army, Holsworthy Army Barracks  
Jan 2019 - Oct 2021
  - - Led a team of data managers, conducting audits and managing aviation data for twelve helicopters.
  - - Forecasted and planned maintenance strategies in collaboration with stakeholders.
- Supervisor, Aircraft Maintenance Engineer (B1.3C MAML)  
Sikorsky Australia - Lockheed Martin Co., Holsworthy Army Barracks  
Aug 2020 - Jun 2022
  - - Supported the Australian Army's missions with the S-70A-9 Black Hawk Helicopter.
  - - Managed a small team to ensure the airworthiness of aircraft, following regulatory requirements.

## Skills

- **Software Development:** Java, Python, C++, Kotlin, Swift, HTML, CSS, JavaScript, XML.
- **Web Development:** React, Spring Boot, Flask, Tailwind, SCSS, Bootstrap.
- **Database Management:** Oracle SQL, MySQL, SQLAlchemy, SQLite, MongoDB.
- **Project Management:** Agile methodologies, Software Development Lifecycle (SDLC), Risk Management, Audit Management.
- **Data Analysis:** Advanced troubleshooting, data auditing, diagnostics, and documentation review.
- **Aviation Maintenance:** Aircraft maintenance, inspections, and repair tasks in high-pressure environments.

## Honours & Awards

Australian Defence Medal – 2014.  
Australian Service Medal (CT/SR Clasp) – 2020.

## References

Available upon request.