

TIMOTHY DUNCAN

Mechanical Engineer

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📍 Rogers, Andorra

SUMMARY

Passionate Mechanical Engineer with over 6 years of experience in design, development, and manufacturing processes within the automotive and marine industries. Advanced skills in 3D CAD (NX) and a comprehensive understanding of ISO standards. Proven track record in leading projects, achieving cost reductions, and implementing innovative manufacturing processes. Strong problem-solving abilities and a collaborative mindset to drive cross-functional success. Bachelor of Engineering degree from the University of Engineering. Enthusiastic about contributing to world-class product development and supporting the company's mission to deliver high-quality and efficient solutions.

EXPERIENCE

Mechanical Engineer 2022 - Ongoing

ABC Engineering Wallingford

Contributed to the design and development of automotive components, implementing ISO Standards and managing design projects through complete life cycles.

- Utilized 3D CAD software (NX) to create technical assembly and manufacturing drawings, ensuring accuracy and efficiency in the production process.
- Collaborated with component suppliers to resolve technical issues and improve the quality of manufactured products.
- Played a key role in on-water testing of prototypes, resulting in the successful integration of Tender Launch Systems into OEM applications.

Junior Mechanical Design Engineer 2017 - 2022

XYZ Manufacturing Wallingford

Supported the design and development of marine equipment, ensuring compliance with quality standards and delivering world-class products.

- Assisted in the building and testing of prototypes, from concept to pre-production stage, ensuring functionality and reliability.
- Collaborated with design offices to integrate tender garage design into marine equipment, enhancing product features and functionality.
- Managed the production and control of Bill of Materials (BOMs) to ensure accurate material sourcing and costing.

MY LIFE PHILOSOPHY

Success is not final, failure is not fatal: It is the courage to continue that counts.

STRENGTHS

🔧 Problem Solving

Proven track record of utilizing a hands-on approach to problem-solving, resulting in efficient product and production line improvements.

⌚ Project Management

Strong ability to lead development projects, managing design projects through complete life cycles, ensuring quality standards and on-time delivery.

🤝 Collaboration

Excellent interpersonal skills and experience collaborating with cross-functional teams to provide technical support and achieve project objectives.

SKILLS

3D CAD (NX) · Project Management ·
ISO Standards ·
Technical Documentation ·
Problem Solving · Collaboration ·
Manufacturing Processes ·
Product Development