

TONY PAULY

MECHANICAL ENGINEERING

PERSONAL PROFILE

I am a hands-on, highly competent Mechanical Engineer with more than 2 years of experience and proficient CAD knowledge. Seeking for a challenging and rewarding position which recognize and utilize my potential while nurturing my analytical and technical skills.

COMPETENCIES

Key Skills

- ✓ Excellent communicator and have good attention to detail.
- ✓ Team player and able to work in supervised and unsupervised condition.
- ✓ Active learner and able to learn new technologies quickly.
- ✓ Self-motivated and have a can-do attitude.
- ✓ Able to deal with problems with a careful and calculated approach.

Communication Skills

- ✓ Technical presentations in tertiary studies
- ✓ Well-developed interpersonal communication.
- ✓ Co-operation with clients and personnel that is within the scope of responsibility.
- ✓ Assisting team members in proposed projects
- ✓ Assisting team members (managers/partners) in all administrative tasks.

WORK EXPERIENCE

1. Computer Aided Design (CAD) Technician

Designer Homeware (NZ) Ltd, Tauranga, New Zealand |19 April 2021
- present|

Designer Homeware is a manufacturing company that manufactures different wardrobes according to the customer's needs.

Key Responsibilities

- Designing of Wardrobe and standard cabinetry plans using CAD Software.
- Produce high quality rendered and detailed designs for clients.
- Accurate preparation of Wardrobe and Shelving Design Quotes to the highest quality in Accredo Software.
- Supporting manufacturing team on complex matters where applicable.
- Supporting the Sales team where applicable.

CONTACT ME AT

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SKILLS SUMMARY SOFTWARE - SKILLS

- Solid work Modelling - CFD, FEA analysis
- Automation studio
- Auto Cad in 2D and 3D
- Mat-Lab
- Cabinet Vision

Technical skills

- Lathe Machining
- Trouble shooting
- CNC Machining
- HVAC-Duct designing
- Equipment maintenance

COMPUTING SKILLS

- C++
- MS Excel
- Ms Project

■ Certified **SOLIDWORKS**
Associate in Mechanical
Design (CSWA)

2. **Steel- Frame Fabricator**

Steel-it Framing Ltd., Paraparaumu, New Zealand | 01 Feb 2021 – April
12|

Steel-it is a manufacturing company that manufactures steel frames
for home or commercial building.

Key Responsibilities

- ◆ Operating the FRAMECAD machine by inputting the designed 2D drawings for the commercial buildings or houses.
- ◆ Assembling the steel frames according to the given 2D drawings.
- ◆ Quality inspection of the machined steel frames using Vernier height gauge, thickness gauge and visual check for surface defects.
- ◆ Packing of quality checked steel frames and always paying attention to health and safety.

E D U C A T I O N A L H I S T O R Y

Waikato Institute of Technology, Hamilton, New Zealand

Graduate Diploma in Engineering Technology (Mechanical) |
Feb 2020 - Nov 2020

Major academic projects

- Pump Station Design.
- Design Hydraulic systems in industrial engineering applications using **Automation studio**.
- Optimal Structural Design, Analysis and Prototyping of connectors roof-mounted solar tile using **solid works**.

ADI SHANKARA ENGINEERING COLLAGE, KALADY, INDIA

Bachelor of Technology| Mechanical Engineering | Aug 2014 - Nov 2015 |

Major academic project

- Study regarding the effects of heat treatment of microstructure and mechanical properties of Titanium Alloys (Ti6Al4V)

R E F E R E N C E

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