


# NIKHIL THOMAS

Mechanical Engineer


## CONTACT

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**Portfolio**  
<http://nikhilthomas.co.nz/>

## TECHNICAL SKILLS

- SolidWorks
- AutoCAD
- Revit
- Weldments
- FEA & CFD Analysis
- MS Office
- QA & QC
- Welding
- Fabrication
- Lathe Operations
- Drilling
- Cutting
- Grinding
- Product Testing
- Research and Development
- Costing & Estimation

## CAREER OBJECTIVE

Mechanical Engineer with a demonstrated history of working in the transportation/trucking industry. Skilled in AutoCAD, Revit, SolidWorks, Welding, and Engineering. Strong operations professional with a Graduate Diploma in Engineering Technology focused in Mechanical Engineering from Wintec - Waikato Institute of Technology.

## INTERPERSONAL SKILLS

- Team player and able to work independently.
- Flexibility to cope with process modifications related to a product under production.
- Great written and verbal communication skills.
- Hard worker who is keen to get stuck in and work on all aspects of a role.
- Strong, practical problem solver.
- Able to create and interpret technical drawings concisely in a way that is easy to understand.
- Strong analytical ability.
- Quick learner, self-motivated, who works under pressure.

## EXPERIENCE

### Designer / Installer

**Towbar Express, Auckland | July 2022- Present**

Key responsibilities:

- Design customized towbars and prepare the installation procedure
- Create drawings for bumper cut-out.
- Install the towbar as per SOP.
- Maintain the delivery records.

### Fabricator / welder

**Domett Truck and Trailers, Tauranga | Apr 2021- Feb 2022**

Key responsibilities:

- Manage workflow, meet deadlines and troubleshoot problems.
- Fabricate new metal components in accordance with product data sheets and compliance with all applicable standards of safety and performance.

## INTERESTS



Travelling



Cricket



Cooking



Technology

## REFERENCE

### **John Maskill**

Director

Towbar Express

[john@towbarexpress.co.nz](mailto:john@towbarexpress.co.nz)

0272244854

### **Steve Furness**

Supervisor

Domett truck and trailer

Tauranga

[steven.furness@dtl.co.nz](mailto:steven.furness@dtl.co.nz)

0211935414

### **Jebin Siby**

Mechanical Engineering

Draftsperson

Industrial Sheet metals

Tauranga

[jebinsiby007@gmail.com](mailto:jebinsiby007@gmail.com)

0223502602

- Completes quality checks before builds are released to finishing.
- Report drawing errors and submit drawing amendment form.

### **Mechanical Division supervisor**

**Engineering Services International, India | Sep 2018 - Oct 2019**

Key responsibilities:

- Create and interpret shop floor drawings to team members.
- Develop engineer's concepts and sketches into accurate models and drawings, through direct communications
- Prepare bill of materials
- Responsible for ensuring all deliverables are on time to agreed completion dates.

### **Junior Quality Engineer**

**TATA Johnson Controls, India | July 2011 - July 2012**

Key responsibilities:

- Collate quality data for monitoring targets.
- Write reports and present progress at project meetings.
- Ensure compliance to all project specifications and quality.
- Undertake internal project and management audits.

## EDUCATIONAL QUALIFICATIONS

### **GRADUATE DIPLOMA IN ENGINEERING TECHNOLOGY (MECHANICAL LEVEL 7)**

WINTEC, New Zealand | November 2020 - March 2021

### **BACHELOR OF TECHNOLOGY IN MECHANICAL ENGINEERING**

University of Calicut, India | April 2016

### **DIPLOMA IN AUTOCAD**

MTI Continues Education Cell, Kerala | May 2011

## **VOLUNTARY EXPERIENCE**

### **DWST (Disaster Welfare and Support Team) Team member**

New Zealand Redcross | (October 2021 to Present)

- Radio communications
- Emergency shelter (Staffing a Civil defense center)
- Ground based rescue.
- Health and safety in emergency setting