

curriculum vitae

KEVIN MITCHELL

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Objective

A creative design engineer with excellent attention to detail and the perseverance to problem solve and subsequently produce precision designs.

Keen to find a challenging and creative position within an ambitious company that offers opportunities for career development.



Experience

- Creation of design drawings, construction drawings and parts lists, using Solidworks and Excel.
- Provide support to Sales and Service departments as required.
- Managing and liaising with suppliers and customers to get the best project outcomes.
- Researching and developing ideas for bespoke products and production systems.
- Control and maintain the design standard of products.
- Sales pitch presentations for existing and potential customers.
- Producing rendered sales drawings for customers.
- Providing design support at all stages of the design process.
- Advising the purchasing department on tooling & product purchase & cost control.
- Improving the design, performance and efficiency of existing products.
- Considering issues such as cost, safety and time constraints.
- Communicating with customers and suppliers to resolve design issues.

Skills

Software Skills

Solidworks
(2009 onwards)

Adobe Photoshop

Microsoft Office

Design Skills

Specialising in
Sheet Metal and
Weldments

Concept Designs

Photo Rendering

Practical skills

3D Model printing

Welding MIG/TIG

Employer

Role within company

Advanced Diesel
Engineering (ADE)
September 2020 to August 2021

Design Engineer

Designing bespoke generator acoustic containers, adapted from sales specifications from the Sales spec. Includes ordering material from BOM's and liaising with workshop manager to produce manufacturing drawings to build to. Recently worked on designs for three large generator and switch gear containers for HMP Glen Parva.

A Smith Gt Bentley (ASGB)
April 2019 to September 2020

Mechanical Design Engineer

Working on outside broadcasting trailers, designing custom-fit multimedia desks for broadcasting equipment. Due to the detailed mechanical parts and unique bespoke equipment, these designs require continual reevaluation throughout the product lifecycle to meet challenging customer specifications.

Assessment Ltd
Sep 2017- April 2019

Design Engineer

This role provided me with the opportunity to work on both architectural engineering designs as well as structural fabrication to execution class three. I produced full fabrication, part drawings and structural assembly guides.

Self Employed - Freelance
2015-2017

Design Engineer

As a freelance Design Engineer I was able to work on a wider variety of projects, including bespoke furniture, garden products and stainless steel products for the leisure industry. One project undertaken during this time, was the design of a distillery deculmer built into a mobile shipping container.

G&M Power Plant
2012-2015

Design Engineer

Responsible for providing technical drawings and related advice to both external customers and internal engineering functions. Projects included Generator Power Supply Unit for Liebherr Cranes and large mobile generator containers for Network Rail. Also design of Acoustic containers for National Grid Power Equipment.

A.C Manufacturing
2002-2012

Welder / Fabricator / Design Engineer

Prior to position of Design Engineer for the company, I worked as a Welder/Fabricator for seven years, wherein I developed an appreciation of the practical aspects of engineering. In the production of various Acoustic Containers I was able to follow a project from conception to manufacturing, overseeing all stages of design and engineering.

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