

Engineering CV Template



Make your CV stand out

John Smith

Address: Buckingham palace, London, SW1A 1AA

Email: name@hotmail.com

Mobile: 01234 567890



PERSONAL PROFILE

A meticulous, dedicated and effective Mechanical Design Engineer with a wealth of technical abilities and a determination to achieve the best possible results every time. Possesses specialised knowledge of piping and mechanical design, development of detailed drawings and production support. Adept at working well within a team or under own supervision using excellent interpersonal skills and a high level of attention to detail.



SKILLS MATRIX

Design engineering | mechanical design engineering | mechanical development | engineering management | engineering development | design process | process improvement | CAD | technical management | technical development | Inventor | AutoCAD | FORAN | CadWorx | project management | project planning | project delivery | full project lifecycle | conceptual design | stress analysis | test layouts | design details | design improvement | efficiency improvement | performance improvement | compliance | document control | basic stress calculations | manufacturing methods | construction methods | time management | deadline adherence |



CAREER HISTORY

Roger Dyson, Design Engineer, Jan 2016 - present

- Involved in the designing of the new parts and modification of the existing parts of the vehicles recovery systems according to the client requirements and IVA car regulations.
- Created general arrangement drawings, fabrication and detailed drawings for hydra-loader slide bed, sub frames and flyers using Inventor sheet metal.
- Prepared the bill of materials.
- Point of contact between customer and Roger Dyson, sorting any technical queries from concept through to completion.
- Liaised with the Production/Manufacturing and Quality departments to make sure products are being designed exactly to specification including tolerances, stress and mechanical calculations.



ACE Winches, Mechanical Draughtsman, Jun 2012 – Dec 2015

- Provided clear and concise technical documentation to customers
- Played a vital role in the conceptual design and development of the new build company's equipment.
- Carried out FEA stress analysis of different steel structures to ensure solidity and a robust structure.
- Heavily involved in creating a test layout for both client and company equipment
- Produced design details and associated drawings of structures using 3D CAD systems.
- Improved the design, performance and efficiency of existing products
- Solely in charge of a project from initiation to conclusion creating and issuing drawing documentation for a 200 tonne hydraulic spooling winch
- Checked drawings for accuracy and errors as well as preparing the bill of materials

Babcock International Group plc, Scotland, Design Engineer, Jul 2007 – Jun 2012

- Design Engineer in the marine division of an international company instrumental in conducting FORAN and Cadworx 3D modeling of the pipeline systems and HVAC.
- Provided integrated equipment and support for the pipeline systems and HVAC on the ship.
- Meticulously prepared piping technical specifications.
- Issued isometric, general arrangement drawings and detail drawings for production
- In charge of bills of materials for the pipeline systems and HVAC
- Demonstrated accuracy and logical qualities on various projects including CVF (Queen Elizabeth Class, new Royal Navy future aircraft carrier); Caesar (conversion of cable lay vessel to pipe lay vessel); Chilled Plant (Birmingham Hospital); Ice Maiden (accommodation vessel for the Arctic area) and a pipeline system for BP Sullom Voe oil terminal

Aker Kvaerner Braila Shipyard, Design Engineer, Jul 1990 – Jul 2007

- Primarily involved with the routing of the pipeline systems and correlating those with other systems and equipment in the ship closely following the standards of the naval classification societies.
- Issued isometric and general arrangement drawings of the ship compartments for production.
- Performed stress calculations for seats / pad eyes and drew details for seats of different units / equipment and for different steel structures such as hatches, ladders, stairs and rails.
- Consistently assessed materials consumption and derogation of materials.
- Played a huge part in the successful work on the largest ever vessel to be built at the shipyard - the 15000 TDW Bramax Tanker - with other major projects being 3500 TDW - double bottom bunkering tankers and platform supply vessels
- Taught over 20 colleagues how to use Word, Excel and AutoCAD having learned it out of hours to keep up to date with the latest technology

EDUCATION

Faculty of Engineering Braila (1991)
High School, Electrical Specialisation (1983)
BSC – Mechanical Engineering – Bradford University
HND – Mechanical Design

INTERESTS

I have had a keen interest in photography from a young age after joining a photographic club at school. I manage the children's under 8 football team for the local primary school and also enjoy golf.