



Stephen Mundy

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Professional Summary

A senior mechanical engineer with extensive multinational experience in the design to manufacture of instrumentation and electronics modules products for the Tier 1 automotive sector. Leading multifunctional and multicultural teams, with a proven track record of negotiating and working with the OEM customers and suppliers to drive the design (of cost effective products) from the initial concept, through product validation, to production and launch.

With an interest and emphasis in innovative solutions, I am particularly interested in R&D but focusing on bringing these products to market.

I have spent this last year travelling and volunteering through South America since I felt the desire to improve myself and give back to the community.

KEY SKILLS

- Experience of leading and working within a global and multinational team, with excellent communication and training skills.
- Design for manufacture and assembly. Using recognised engineering tools such as DFMEA and GDT for product development.
- Experience with manufacturing processes for the largest corporations including: injection moulding, stamping, extrusion and die casting.
- Strong analytical approach to problem solving using recognised engineering tools such as 8D, Fishbone diagrams and Design of Experiments.
- 20 years of experience of Pro-Engineer/Creo CAD, Catia V5 modelling software and Pro Intralink
- Co-ordinate Measurement Machine (CMM) programming and Gauge R&R.

Professional Experience

Visteon Engineering Services (<https://www.visteon.com/>)

Visteon is a global technology company that designs, engineers and manufactures innovative cockpit electronics products and connected car solutions for most of the world's major vehicle manufacturers. USA based, Visteon has approximately 10,000 employees at more than 40 facilities in 19 countries. Visteon had sales of \$3.16 billion in 2016.

Senior Mechanical Engineer (Chelmsford, UK) –

July 2014 – June 2016

Plan, organize, direct, control and implement mechanical design and development for automotive instrumentation and electronics modules. Responsible for all aspects of Audio Head Unit design that meet the OEM specification.

- Lead mechanical engineering development in the department
- Direct liaison with customers and global suppliers; Responsible for program timing, key milestones and deliverables
- Develop mechanical design solutions that meets the customer specification through prototyping and testing. Mass production

- Analyse and interpret CAE results in order to drive the design
- Work to client quality procedures and validation processes
- Managing production costs and tooling budgets for high volume global products
- Injection molded plastic component design and tooling. Stamping component design and tooling
- Communication with global team members and all levels of the organisation

Mechanical Engineer (Chelmsford, UK) –

October 2008 – June 2014

- Led mechanical team to develop design solutions from initial concept to mass production
- Mentored junior engineers and graduate placement engineers
- Developed innovative solutions for concept vehicles and technology shows such as a Heads Up Display
- Supported quote responses to OEM customers by developing technical solutions
- Collaborated with OEM's development teams to drive the mechanical design of new products
- Coordinated with suppliers to validate product designs
- Cost effective material selection for manufacturing process and customer specification

Product Design Engineer Ford Motors/ Visteon (Chelmsford, UK) –

November 1998 – October 2008

- Responsible for the mechanical design of Radio bezels using CAD
- Led and managed off-shore CAD design team
- Responsible for creating and releasing component drawings that adhered to GDT and Drafting standards
- Design for prototype manufacturing processes
- Worked as part of cross functional team

Ford Motor Company (www.ford.com)

Ford is a global automotive and mobility company, headquartered in Dearborn, USA.

Product Design Engineer (Dunton, Essex, UK) –

October 1997 – October 1998

- Responsible for developing and modifying CAD models and drawings under the guidelines and specifications of the mechanical engineer or senior product designer.

Multi-skilled Engineering Apprentice (Dunton, Essex, UK)

September 1993 – September 1997

- Diverse training across all engineering disciplines
- Developed fundamental manual drafting practices
- Placement as a junior process engineer at the manufacturing plant
- Placement as a junior draftsman at the Design and Research Center

EDUCATION

- BEng Automotive Engineering (Mechanical)
Anglia Polytechnic University, UK, 2000
- BTEC Higher National Certificate Engineering
Barking College, UK, 1996
- BTEC National Certificate Engineering (Mechanical / Manufacture)
Barking College, UK 1995

LANGUAGES: English native; Spanish - basic to intermediate level

INTERESTS -Volunteering activities where my skills can be of added value to improve the quality of life of communities worldwide; traveling; windsurfing and rock climbing.