

**Profile**

Completed an engineering apprenticeship with Ferranti International.

Designed a wide range of laboratory equipment from Ovens & Incubators to HTM2010 Autoclaves whilst progressing from junior designer to Design Manager.

Technical Manager at a specialist pressure vessel manufacturer, covering PD5500 & ASME VII from project design to completion.

Joined FPE Global in October 2012 as a Design Engineer. Produced design calculations for Screw Conveyors, Bucket Elevators, Belt and Chain Conveyors and various other bulk handling applications. Instrumental in reducing design times for products by incorporating advanced 3D CAD features.

**Key Experience and Skills**

- Over 25 years of engineering experience.
- Design and Leadership skills.
- Organised, resourceful and adaptable.
- Experienced team member able to communicate at all levels.
- Adept at AutoCAD and 3D CAD packages Autodesk Inventor and Solidworks
- Versatile Engineer capable of designing bespoke machinery, pneumatic circuits & PLC programming.

**Qualifications and Relevant Training**

- EITB Engineering Apprenticeship
- Solidworks Fundamentals & Sheet metal
- BTEC ONC Electrical Engineering
- Microsoft Certified Professional

**Years Experience in Role**

25 Years

**Selected Experience Relevant to Role**

**FPE Global**

Design Engineer responsible for design of mechanical bulk materials handling equipment, producing layouts drawings, calculations and detailed design drawings. The role also included management of sub £100K projects involving customer facing discussions, process design, layout, detail design, procurement and production assistance. 3D CAD Designs in Autodesk Inventor utilizing iParts & ilogic where possible.

**Ormandy Newade**

Technical Manager. Running a small design office at a specialist pressure vessel manufacturer producing process and containment vessels for the Pharmaceutical, Chemical and Food industries. Designing to PD5500 or ASME VIII and the PED, producing vessel calculations and managing the verification and inspection process with the notified body. Project management and production support from initial concept to final delivery.

**LTE Scientific**

Design Office Manager. Leading a team of 7 electrical and mechanical engineers working on new laboratory products, and bespoke units for customers including the National Health Service and Health Protection Agency. I was responsible for all aspects of the design, from the performance and reliability to the aesthetics and user interface. I travelled throughout Europe on more challenging projects and to meet customers and suppliers.