

Electronics Design Engineer

Role

A new role has been created for an experienced electronics design engineer looking to benefit from greater project responsibility working for an innovative sensor company. The role would suit a degree qualified electronics engineer who wants to further develop their range of skills and experience in a varied and interesting engineering and development environment.

Summary of Main Duties and Accountabilities

Provide all electronic circuit design to include analogue, power supply, with understanding of microprocessors (specifically Microchip PICs).

Prepare technical documentation to include specification and sourcing of electrical and electronic components.

Conduct all supplier technical liaison.

Where appropriate prepare computer generated circuit simulation.

Write PIC and GUI software specification detailing all the functions required within the code, including required resolution of inputs/outputs, any timing constraints description of any mathematical algorithms, application specific variations required.

Derived from the needs of the business provide project plans that also detail component and development costs.

Research and implement new techniques and design improvements.

Required Skills and Experience

- Degree qualified in Electronic Engineering at 2.1 Honours or higher.
- Minimum of 5 years proven design experience in the electronics design industry.
- Ability to compose comprehensive technical design documentation.
- Good communicator.
- Accomplished in circuit design.
- Able to establish product requirements from customer/sales/marketing.
- Familiar with New Product Introduction systems. (NPI)

Fozmula Limited

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Desirable Skills and Experience

- Capable of supporting and performing software debugging.
- Understanding of liquid level measurements using capacitive, magnetic and pressure techniques.
- Understanding of mechanical engineering principles.
- Understanding of material properties (mechanical and chemical).
- Theoretical studies into measurement techniques and effects of mechanical component variations on level measurements.

About the Company

Fozmula is a limited company specialising in the design, development and manufacture of a wide range of electro-mechanical, mechanical and electronic sensors and gauges for equipment requiring liquid level, temperature and pressure measurement.

Our headquarters occupies a large site in a prominent position on the Tachbrook Park, high technology industrial estate in Warwick and incorporates our manufacturing, product testing and development laboratories alongside a large prototyping workshop.

Fozmula has a global customer base across the power generation, specialist vehicle and construction equipment industries.

Fozmula's strengths in engineering and manufacturing excellence come from the people we employ. To deliver innovative and competitive products, when and where our customers want them, we require a diverse range of skills. However, whether they are working in engineering, manufacturing, production, quality, sales and marketing, finance, logistics, purchasing or administration our people share certain common values:

Accountability - Be responsible for our actions.

Commitment - Strive to accomplish all objectives to the best of our ability.

Honesty - Be fair, honest and open.

Innovative - To create sustainable valued solutions.

Excellence - Uncompromising quality in all we do.

Versatility - Be flexible and responsive.

Exchange - Information to be communicated freely, openly and often, at all levels.

These are the values that we'd also expect the successful candidate to ascribe to.

Please note: This position is based at our offices in Warwick, UK and all applicants must be eligible to work in the UK.

NO AGENCIES PLEASE