

Job title: **ProxSense® / ProxFusion® Applications Engineer**
Education Level: **M.Eng , B.Eng Electronics**
Experience Level: **0-6 years**
Location: **Paarl, South Africa**
Employment type: **Permanent**

Job Details

Azoteq is a fabless semiconductor company founded in 1998. The company prides itself on innovation with multiple patents issued and filed on the IQ Switch® product range. The R&D headquarters are situated in Paarl, South Africa. Offices in Pretoria, Shenzhen and Austin, Texas support the marketing, sales, technical support and supply chain functions.

We are offering a rewarding position where the candidate will be exposed to state-of-the-art development work, liaising with international customers on the cutting edge of technology. The successful applicant will be involved in the application design of ProxSense® & ProxFusion® products. Azoteq's sensors are deployed worldwide in high volume consumer applications, IoT, wearables and the likes.

Daily tasks will include the following:

- Research and development of designs for new products
- Improve the performance and efficiency of existing products
- Embedded MCU programming of touch and proximity-controlled systems
- Applications development
- Product design
- Prototype evaluation
- Test development
- Product release
- Client/distributor interface and support of an international customer base

Essential requirements:

- High level of innovative thinking, as well as an analytical approach to problem solving
- Analogue design and debug skills
- Self-starter
- Independent worker
- Carry project from start to finish

The following skills will be valuable:

- Embedded microprocessor development experience (e.g. Microchip PIC)
- C++, C#, Python and or other high-level languages

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