Job title: **Application Engineer**
Education Level: **B.Eng Electronics, M.Eng Electronics or similar**
Experience Level: **0-6 years**
Location: **Paarl, South Africa**
Employment type: **Permanent**

Are you a self-starter, detail oriented, able to plan your work and carry projects from start to finish and comfortable working in a team environment? Do you enjoy innovative technical work? If so, this is the right opportunity.

Job Description:
You will be involved in the application design of LightSense^{TM} products. The LightSense^{TM} products are focused on leading-edge personal & recreational LED lighting.

You will design and develop ideas for new products, with focus on a feature rich product to fit into a mechanical design, paying attention to considerations for high volume production, and you will be expected to lend support during production. A cradle to grave concept is followed.

Embedded MCU programming of controlled systems. Application development, product design, prototype evaluation, test development and product release. Client interface and support of an international customer base. Clients include international clients such as Black Diamond, Princeton Tec and Streamlight.

Skills Required:
High level of innovative thinking as well as an analytical approach to problem solving. Analogue and digital design and debug skills.

Embedded microprocessor development experience (e.g. Microchip PIC) is advantageous as well as working in 3D CAD programs.

The candidate must be self-motivated, be able to plan their own work and carry projects from start to finish. The candidate must enjoy innovative and detailed technical development work and be comfortable working in a highly skilled team environment. It is a rewarding position in that the candidate will be exposed development work and international customers with a focus on consumer applications. Problem solving skills as well as working with your hands is essential.

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About Azoteq
Azoteq is a fabless semiconductor company founded by Dr. Frederick Bruwer in 1998. The company prides itself in innovation with more than 39 patents issued and filed on the IQ Switch® product range. The R&D headquarters are situated in Paarl, South Africa. Offices in Pretoria, Shenzhen, Shanghai, Hong Kong, Taipei, Singapore, Tokyo, Seoul, Munich and Austin, Texas support the marketing, sales and supply chain functions.

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