



Job title: **Electrical Engineer**
Education Level: **BEng or BTech - Electrical**
Location: **Paarl, South Africa**
Employment type: **On-Site, Permanent**
Experience Level: **Minimum 4 years working experience**

COMPANY:

Azoteq is a fabless semiconductor company founded in 1998. The company prides itself in innovation, with more than 39 patents issued and filed for the IQ switch product range. The R&D Headquarter is situated in Paarl, South Africa with offices in Pretoria, Asia, Europe and the USA. Please refer to Azoteq's website for further information (<https://www.azoteq.com/>).

The PowerSense® division within Azoteq consists of a team of highly qualified electrical and electronic engineers. The division is responsible for the electrical design of power backup and renewable energy systems.

ABOUT THE ROLE:

We are looking for a skilled Electrical Engineer to join our PowerSense team. The ideal candidate will play a crucial role in the design, implementation, and management of renewable energy projects. This position requires a proven track record in system design, project execution, and executing the sign-off of renewable energy systems.

KEY RESPONSIBILITIES:

- *System Design:* Develop technical designs for electrical projects and renewable energy systems, ensuring compliance with industry standards and best practices.
- *Quotations & Proposals:* Assist in preparing technical and commercial proposals for clients.
- *Project Management:* Oversee the execution of renewable energy projects, ensuring timely delivery and quality control.
- *Installation Oversight:* Supervise the installation process, ensuring adherence to design specifications and safety regulations.
- *System Sign-Off:* Conduct final system inspections, testing, and commissioning, ensuring compliance with local regulations.
- *Stakeholder Communication:* Collaborate with internal teams, suppliers, and clients to ensure seamless project execution.

REQUIREMENTS:

- *Qualifications:* Bachelor's degree in electrical engineering (or equivalent). Preferred registration as Professional Engineer (Pr. Eng.) or a candidate engineer.
- *Experience:* Minimum 4 years of experience in renewable energy system design and project management.
- *Technical Expertise:* Strong knowledge of solar PV, battery storage, and hybrid energy systems.
- *Regulatory Compliance:* Familiarity with local electrical regulations, safety standards, and certification requirements.
- *Software Proficiency:* Experience with electrical design software, 2D/3D CAD, Helioscope, or similar tools).
- *Additional Skills:* Strong problem-solving abilities, excellent communication skills, self-starter and the ability to work independently and in a cross-functional team environment.

WHY JOIN US?

- Be part of an innovative technical team driving renewable energy solutions.
- Work on diverse projects with industry-leading technology.

If you have the experience and expertise to excel in this role, we'd love to hear from you! Please email Louisa Havenga (louisa.havenga@azoteq.com)

Closing date for applications: **31 March 2025**. Clearly state the position and attach a CV and relevant information to the application.