

Research-Square Engineering Services

Job Vacancy: Graduate Mechanical Design role (*high tech*)

Location: Somerset West, South Africa

Company Overview:

At Research-Square Engineering Services we are a dynamic engineering firm located in Somerset West, South Africa, dedicated to providing exceptional design and engineering solutions to our valued clients in the Netherlands. With a strong focus on the high-tech industry, we strive to deliver excellent design and engineering services that meet and exceed the expectations of our clients. We are currently seeking a highly motivated and driven Graduate Mechanical Design Engineer to join our team in Somerset West.

Position Overview:

As a Graduate Mechanical Design Engineer, you will start by gaining an understanding of the client's way of working at the systems level. Your role will evolve as you gain skills and transition into designing mechanical components and systems. You'll collaborate with an experienced team, gaining hands-on experience in high-tech machinery and mechatronic system design. The one-year graduate program offers exposure to Dutch clients, with six months of training, including both hard and soft skills development, before transitioning into work on client projects. The goal of this program is for you to stay within the company and grow as a Mechanical Design Engineer after successfully completing the training and development phase. This is an excellent opportunity for someone eager to grow with a fast-moving company in the high-tech sector.

Responsibilities:

- Work alongside experienced engineers to design and develop mechanical designs tailored to client needs, with an emphasis on effective communication.
- Use CAD and PLM software (e.g., Siemens NX, Teamcenter) to create 3D models, assembly drawings, and engineering documentation.
- Perform engineering calculations and analysis to ensure design feasibility and performance.
- Collaborate with cross-functional teams to integrate mechanical designs into larger systems.
- Contribute to design reviews, suggesting improvements to enhance product performance.
- Stay up to date with industry trends and new technologies related to mechanical design and engineering.

Qualifications and Requirements:

- Bachelor's degree in Mechanical or Mechatronics Engineering.
- A keen interest in mechanical design.
- Strong understanding of engineering principles, materials, and manufacturing processes.
- Knowledge of mechanical design principles, materials, and manufacturing processes.
- Proficiency in CAD and PLM software (Siemens NX, Teamcenter is a plus but not required).
- Ability to work effectively in a collaborative team environment and take responsibility for individual tasks.
- Excellent problem-solving and analytical skills with strong attention to detail.
- Strong communication skills in English.
- Ability to work in a multi-cultural environment.

Benefits:

- Competitive salary (50% salary growth after the first year).
- Opportunity to work on projects for clients based in the Netherlands.
- 6 months of training, including both hard and soft skills development. Training from experienced engineers based in South Africa and the Netherlands.
- Exposure to Dutch clients and international project experience.
- Professional development and growth opportunities.
- Collaborative and supportive work environment.
- Opportunity to work with a talented team of experienced engineers.
- Opportunity to stay within the company and continue your career as a Junior Mechanical Design Engineer after completing the program.
- Ability to grow with and shape the future of a growing company.

How to Apply:

If you're passionate about mechanical design and eager to grow your career while working on cutting-edge projects, we'd love to hear from you. Please send your resume, cover letter, and any relevant portfolio to raechel@research-square.com

We look forward to hearing from you and thank all applicants for their time and interest.