GENDAC

POSITION SPECIFICATION
SENIOR ELECTRONIC ENGINEER

WHAT ARE WE LOOKING FOR

A passionate Senior Electronic Engineer with the skills and experience to effectively engage with clients and create electronic product solutions that address complex business challenges across diverse industries.

THE APPLICANT REQUIREMENTS

- A BEng or BSc Electronic engineering or related degree
- A postgraduate qualification will be an advantage
- At least four (4) years' commercial experience
- At least one (1) year experience in RF and wireless communication
- A lifelong passion for technology, computers and programming
- Excellent interpersonal and communication skills
- The ability to work effectively in a team
- Technical leadership and mentoring skills
- A valid South African ID

DUTIES AND RESPONSIBILITIES

Take ownership of and accountability for technical excellence at every phase of the electronic product development life cycle. Create innovative products as part of a team of engineers.

HARDWARE DESIGN AND DEVELOPMENT

- Responsible for product technology choices and designs
- Design cost-effective, efficient, and reliable hardware for integration into new or existing systems
- Design electronic circuits and PCB layouts
- Design and develop firmware for custom developed hardware
- Document design work and product information
- Collaborate with clients to unlock business value through innovative products

PROJECT ENVIRONMENT

- Participate in the full electronic product development life cycle
- Work in an Agile Scrum environment
- Assist in improving the electronic product development process
- Liaise with suppliers and external design contractors

BUSINESS PROCESS DESIGN

- Design and optimise business processes
- Use BPMN to document business processes
- Ensure hardware incorporates and supports business processes

HARDWARE TESTING AND MAINTENANCE

- Define test plans, acceptance criteria and execute test plans on prototypes
- Debug and troubleshoot hardware circuits and firmware
- Identify opportunities to improve and update products

TAILORED CAREER PATH

- Training in essential interpersonal skills
- Exposure to and mentorship by industry leaders
- Technical and management career progression, focused on **your** future goals

AWESOME PERKS

| 20 DAYS ANNUAL LEAVE | PARENTAL LEAVE | PAID STUDY LEAVE | QUIZ NIGHT | HEALTHY DAILY LUNCH | VIBRANT CULTURE | TAILORED CAREER-PATH GUIDANCE | EVENT(FULL) DAY | PIZZA FRIDAY |

SALARY

The salary is market-related and negotiable, depending on relevant experience and qualifications.

APPLICATION PROCESS

Send your CV, a copy of your ID and a recent colour photograph of yourself to **careers@gendac.co.za**.

1. Recieves a call or email and is asked a few questions
2. Is invited to a first interview
3. Completes an assessment
4. Is invited to a final interview
5. Background verifications are conducted
6. Receives an offer of employment from Human Resources

MORE ABOUT GENDAC

Gendac exists to **invent and innovate digital technology** that boosts organisations to be leaders in their field. We are experts at creating **our clients' digital competitive advantage.**

Our **world-class engineering teams** invent and innovate highly bespoke applications and IoT solutions to **create digital leaders,** in diverse industries, across the globe.

This **exceptional team** of 80+ people has the **courage** to take on immense challenges, the **determination** to resolve complexity, and the **skill** to deliver exceptional solutions. We continually measure, adjust and find better ways.

We choose to **work in-person** within agile, interconnected teams, and we experience the wonders of this **collaborative team environment** every day.

As a relationship-driven organisation, **we invest in each other.**

Our strategy is simple: *'long-term everything'* – including talent, clients, and partners – and this thoughtfully drives sustainable profitability to grow and create new opportunities for everyone.

JOIN US TO EMBARK ON AN EXCITING JOURNEY