

POSITION SPECIFICATION

GRADUATE ELECTRONIC ENGINEER

WHAT WE ARE LOOKING FOR

A passionate Graduate 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
- A lifelong passion for technology, computers and programming
- Excellent interpersonal and communication skills
- The ability to work effectively in a team
- 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

- Investigate new technologies and create designs for electronic products
- 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 designs and product information

BUSINESS PROCESS DESIGN

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

PROJECT ENVIRONMENT

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

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.



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