

POSITION SPECIFICATION

EMBEDDED ENGINEER

WHAT WE ARE LOOKING FOR

A passionate Embedded Engineer with the skills and experience to effectively engage with clients and create embedded 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 one (1) to four (4) years' commercial experience
- 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 embedded software development life cycle. Create innovative products as part of a team of engineers.

SOFTWARE DEVELOPMENT

- System architecture design
- Design and develop software for custom developed hardware
- Ensure that designed products address client requirements
- Integrate products with existing platforms
- Document designs and product information in accordance with company procedures

BUSINESS PROCESS DESIGN

- Design and optimise business processes
- Use BPMN to document business processes
- Implement business processes in software

PROJECT ENVIRONMENT

- Work in a Scrum Team
- Participate in the full software development life cycle

SOFTWARE TESTING AND MAINTENANCE

- Incorporate automated unit and integration testing
- Identify opportunities for system enhancements
- Software configuration management



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



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 **united, 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