

POSITION SPECIFICATION

SENIOR EMBEDDED ENGINEER

WHAT WE ARE LOOKING FOR

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

THE APPLICANT REQUIREMENTS

- An Engineering degree; BSc Computer Science; BCom Informatics; BIT; BIS degree
- A postgraduate qualification will be an advantage
- At least four (4) years' commercial experience
- A lifelong passion for computers and programming
- Excellent interpersonal and communication skills
- The ability to work effectively in a team
- The ability to apply creativity to develop innovative solutions
- 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 embedded software development life cycle. Create innovative products as part of a team of engineers.

SOFTWARE DEVELOPMENT

- Take responsibility for system technology and architecture
- Work with product owners to scope and prioritise development
- Embedded software design and development
- Integration of software with existing platforms
- Work with clients to unlock business value through software

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 embedded software development life cycle
- Assist in improving the embedded software development process

SOFTWARE TESTING AND MAINTENANCE

- 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



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 **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