



**merSETA**  
MANUFACTURING, ENGINEERING  
AND RELATED SERVICES SETA

The Manufacturing, Engineering and Related Services Sector Education and Training Authority (merSETA) is a Schedule 3A public entity established in terms of the Skills Development Act (Act No. 97 of 1998) Registration Number 17/merSETA/01/04/20 to facilitate skills development for the Metal and Engineering, Motor Retail and Components Manufacturing, Automobile Manufacturing, Plastics Manufacturing and New Tyre Manufacturing Sectors Automotive Components Manufacturing Chamber.

### **INTERNAL AND EXTERNAL JOB ADVERT**

We have an excellent opportunity for the following professional to join IT Division.

#### **SPECIALIST SYSTEM DEVELOPER- (C3)**

**REFERENCE NUMBER: SSD/HO/31/05/24**

**SALARY LEVEL (Minimum to Median): R449 750 – R538 677 per annum**

**FIXED TERM - 24 MONTHS**

**HEAD OFFICE**

**Purpose:** Responsible for implementing and maintenance of IT systems and technologies aligned to merSETA's operational goals.

### **Key Accountabilities and Responsibilities**

The ideal candidate should be able to fulfill and perform the following key accountabilities and responsibilities:

- Upskilling the resources within the MIS unit in preparation for long-term maintenance and support of all information systems under the responsibility of the MIS unit
- Analyse and generate reports using various data sources
- Implement, design, modify, create, configure, and troubleshoot issues with various software programs and applications
- Maintain a register of changes implemented on information systems
- Conducting testing procedures on different systems
- Creating and testing code for various merSETA business goals
- Ensuring the creation of effective backups of company databases
- Creating data models, dataflows, and API points
- Performing data migration duties when necessary
- Producing testing record documents and operation manuals
- Generating procedures for disaster recovery scenarios
- Updating software as necessary to ensure it meets the latest legislation and merSETA guidelines
- Handling database systems, workflow management systems, secure system environments and usability engineering
- Handling software design, evaluate engineering, configuration management, statistical analysis and modeling



- Continuously tracking, monitoring, and measuring individual performance against set standards and performance targets
- Effective utilization of best practice and up-to-date knowledge to continuously support service delivery and improve performance
- Design, develop and implement unit and scenario testing for existing code base and for new functionality under development - Java/JEE,C#, Spring, JSON, XML, REST, Distributed System
- Knowledge-sharing, documentation of information and informing key stakeholders on new information relating to the unit
- Perform adhoc tasks and duties as required

### **Qualifications, Experience, Knowledge and Skills**

- Diploma in Computer Science or Information Technology or equivalent NQF level 6
- RDBMS, MVC frameworks, Design Patterns.
- NQF Level 7 qualification or higher in Computer Science, Data Science, Information Technology, or related will be advantageous.
- 4 years of experience of Senior Development work in JAVA or .NET-based information systems.
- Understand emerging web and mobile development models - High scalability projects involving cloud- based infrastructure design and implementation
- Working knowledge of object-oriented design and development skills - Successful track record of developing quality software products
- Good understanding of Web Services protocols such as REST, SOAP and API design for extensibility and portability
- Deep understanding of distributed data model - Solid understanding of the Software as a Service (SaaS) model in the online environment
- Information Gathering and Attention to Detail Skills
- Problem Analysis
- Technical Skill

### **Offer**

*The merSETA offers a competitive salary package and an opportunity to work with a dynamic and diverse team. If you meet the requirements and are interested in this exciting opportunity, please submit your application for consideration.*

**CLOSING DATE: 31 MAY 2024**

The merSETA is an equal opportunity employer and preference will be given to suitably qualified Affirmative Action Candidates and People Living with Disabilities in line with the Employment Equity Plan. To apply for this opportunity, submit a fully completed job application form, a detailed curriculum vitae with three references, clearly quoting the Job Title and Reference Number as a subject in the email:

**recruitment@merseta.org.za**

Only short-listed candidates will be contacted. Should you not be contacted within 2 months after the closing date, please know that your application was not successful.

The merSETA reserves the right not to make an appointment.