



ADVERT

Specialist Software Development

Ref No. RTMC/RTIT/ SSD/2024

Salary Package: Market Related

Position	: Specialist Software Development
Business Unit	: Road Traffic Management Systems
Location	: Midrand/Centurion
Job Purpose	: The Specialist Software Developer is responsible for developing software and applications within the policy and software development lifecycle.

KEY JOB RESPONSIBILITIES:

- To develop software and applications.
- Participate in Scrum Meetings and Daily Stand-ups to gain an understanding of existing product and domain elements and work with Analysis and Design to refine new requirements.
- Receive new issues assigned by Team Leader: Software Development through a defect, new specification or specification change.
- Analyse assignments and plan implementation and unit tests to verify code.
- Implement new code or change to existing code
- Implement suggested changes as reviewed and release code for build process.
- Support existing functionality and develop new functionality and components.
- Refactor and improve the code to keep the product maintainable and adaptable to new requirements.

- Ensure compliance with product software development processes and standards.
- Implement recommendations from the Architect regarding application performance, and high availability features.
- Create unit and integrated system tests to show that the developed functionality works as intended.
- Do root cause analysis on bugs to find and fix the cause of a problem in an integrated system.
- To collaborate with / contribute to the team.
- To build value adding relationships with stakeholders.
- To continuously develop own personal expertise and drive personal growth.

QUALIFICATIONS AND EXPERIENCE:

- Matric (NQF Level 4) as essential.
- National Diploma in Information Technology or equivalent (NQF level 6) as essential.
- Bachelors Degree (NQF Level 7) as an added advantage.
- Four (4) to six (6) years' experience in Software Development in a Java environment essential.
- Knowledge of software development life cycle.
- Knowledge if integration technologies (e.g., JMS, SOAP-*, Rest)
- Knowledge of build frameworks (e.g Maven, Ant).
- Knowledge of CI tools and participating in Continuous Integration (e.g Jenkins, Bamboo).
- Knowledge of OOAD.
- Understanding of Design Patterns and Domain Driven Designs.
- Familiarity with unit testing- frameworks and TDD.

KEY ATTRIBUTES AND COMPETENCIES:

- Accountability and Ethical conduct.
- Quality oriented and judgement.
- Professionalism and attention to detail

HOW TO APPLY:

- Submit a letter of application (no prescribed template), accompanied by a recent Curriculum Vitae
- Applications must be forwarded via email to: rtitrecruit@rtmc.co.za

- Candidates are requested to clearly indicate the reference number for the position they are applying for on the email.

NB: Persons with disabilities are encouraged to apply.

Closing date is the 14 June 2024 at 16:30 pm, and no late applications will be accepted.

The RTMC reserves the right not to make an appointment. Due to the large number of applications, we envisage receiving, applications will not be acknowledged. If you have not received any response from us within 3 months, please consider your application unsuccessful.

Enquiries: Human Capital at (012) 999 5425

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