



August 2021

GUIDELINES TO APPLICANTS

1. If you meet the requirements, kindly forward a concise CV and supporting document to the relevant Practitioner/Administrator (Human Resources) by email, quoting clearly the reference number and the job title.
2. Response Email addresses of the relevant HR representative and or Region is supplied at the end of each regional adverts. The onus is on the applicant to ensure that their application has been received. Incomplete applications and applications received after the closing date will not be considered.
3. Any credentials of the contract of employment will be subject to criminal record checks, citizen verification, financial record checks, qualification/Study verification, previous employment verification, social media accounts behavior/comments verifications, competency/psychometric assessments, signing of performance contract on appointment, signing of an employment contract on appointment, presentation etc.
4. All health professional roles may be subjected to further assessment in line with the applicable matrix to determine the correct level.
5. Proof of registration with a Professional body (e.g. HPCSA, SANC etc.) and other supporting documents should accompany all applications.
6. Internal employees are required to complete a period of twelve months in current role before they can be eligible to apply for transfer.
7. Correspondence will be limited to shortlisted candidates only.
8. The NHLS is an equal opportunity, affirmative action employer. The filing of posts will be guided by the NHLS employment Equity Targets.
9. Successful applicants will be remunerated on the published scale associated with the grade of the post. This means that the remuneration of an applicant who is successful for a position that is lower than his/her current job grade will be adjusted downward with effect from the date of appointment.
10. External applicants shall be responsible for all expenditure related to attendance of interviews.

This is an open advert therefore external applicants are welcome to apply for this bulletin.



BUSINESS UNIT : NATIONAL INSTITUTE FOR OCCUPATIONAL HEALTH
DISCIPLINE : INFORMATION TECHNOLOGY
LOCATION : NIOH BRAAMFONTEIN
POSITION : ANALYST DEVELOPER (1 YEAR FIXED TERM CONTRACT)
PAY GRADE : C5
REFERENCE NUMBER : NIOH0321.001.03 (RE-ADVERTISEMENT)

Main Purpose of the Job

Provide complex IT software solutions by working closely with business users throughout all phases of the software development lifecycle (SDLC) in support of the Institutes' surveillance processes.

Key Job Responsibility

- Design complex technical solutions in line with the Business requirements to ensure clarity and completeness of the solution.
- Analyse and document business requirements in consultation with users according to appropriate methodology and techniques.
- Develop and debug complex system components in line with technical specifications for quality implementation purposes.
- Determine and evaluate performance measures of the system to ensure optimal utilization. ■ Provide code review, testing, debugging, technical documentation, general testing instructions, and lead/assist in go-live planning, go-live moves, and post-live support. ■ Facilitate Joint Analysis and Design (JAD) sessions, oversee resources associated with the design, development, testing and implementation phases of projects to ensure quality deliverables and assist in their growth. ■ Ability to analyse large amounts of information to discover trends and patterns. ■ Follow and use proper project management principles on all projects. ■ Participate in projects to understand new target systems' processes and provisioning needs and implement solutions. ■ Learn and master new technologies and techniques. ■ Communicates any and all progress, roadblocks, issues to the team and management in a timely manner. ■ Technical report writing and development of presentations. ■ Scrub, manipulate and load data from other sources into the systems to ensure accuracy and correctness of information. ■ Troubleshoot and support issues identified. ■ Ensure all change management and compliance procedures are being followed. ■ Provide training and documentation to relevant stakeholders to ensure they understand and can achieve optimal system utilization. ■ Perform other duties as required or assigned by emergency or other operational reasons for which the employee is qualified to perform. ■ Support and monitor the OHSS IT Helpdesk System. ■ Support IT department if required.

Minimum Requirements & Key Competency

- 4 year BSc Degree in Computer Science or Data Science or Engineering or other relevant quantitative field. ■ Microsoft .NET 3.5+ development using C#, Microsoft .Net technologies including WCF, WPF, WF, LINQ and EF (Desirable). Minimum 4 years' software developer experience essential. ■ Knowledge in visualization platforms and/or web platforms and working with graphs etc.
- Knowledge and/or experience in Data frameworks, practices and tooling (e.g. DAMA, Apache, etc) ■ Demonstrates knowledge of database and data warehouse design Knowledge of data collection, cleaning, pre-processing and analysis ■ Experience in querying databases and using statistical computer languages: Python, SQL etc ■ Statistical packages and data packages/reporting tools (Power BI), Google Studio, MS EXCEL or google sheets ■ Knowledge in visualization platforms and/or web platforms and working with graphs etc. ■ Good communication skills (verbal and written) ■ Attention to detail ■ Problem solving skills ■ Accuracy skills ■ Interpersonal skills ■ Flexibility ■ Analytical Skills

Enquiries may be directed to Ketsitseng Maseko @ 011 712 6400, email application to Recruiter@nioh.ac.za

Closing date : 11 August 2021

