



AFENET Secretariat  
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[www.afenet.net](http://www.afenet.net)

# Job Opportunities

**Date: Monday March 27, 2023**

**Department:** Africa Centres for Disease Control (Africa CDC)

**Programme:** Saving Lives and Livelihoods (SLL)

**Application deadline: Friday April 7, 2023**

## **Background:**

The African Union, established as a unique Pan African continental body, is charged with spearheading Africa's rapid integration and sustainable development by promoting unity, solidarity, cohesion and cooperation among the peoples of Africa and African States as well as developing a new partnership worldwide. Its Headquarters is located in Addis Ababa, capital city of Ethiopia.

The Africa Centres for Disease Control and Prevention (Africa CDC) was officially launched in Addis Ababa, Ethiopia, on January 31, 2017. The Africa CDC is Africa's first continent-wide public health agency and envisions a safer, healthier, integrated and stronger Africa, where Member States are capable of effectively responding to outbreaks of infectious diseases and other public health threats. The agency mission is to strengthen Africa's public health institutions' capabilities to detect and respond quickly and effectively to disease outbreaks and other health burdens through an integrated network of continent-wide preparedness and response, surveillance, laboratory, and research programmes.

Africa CDC has been at the forefront of the continent's fight against the pandemic. The agency has set a goal to vaccinate 70 percent the continent's population before the end of 2024. To achieve this ambitious and critical goal, the Africa CDC and the Mastercard Foundation are launching "Saving Lives and Livelihoods," "partnership for COVID-19 Vaccination in Africa." The planned Saving Lives and Livelihoods partnership is a unique initiative due to its scope and scale, the critical topics it focuses on, as well as the way it will be governed.

The African Field Epidemiology Network (AFENET) is a non-profit organization established in 2005 with a mission to improve human health through the strengthening and expansion of applied epidemiology and laboratory capacity in partnership with Ministries of Health, Non-Governmental Organizations, international agencies, private sector and other public health agencies. AFENET has its headquarters in Kampala, Uganda with operations in more than 30 African Countries.



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Hence, Africa CDC invites applicants who are citizens of Member States for a fixed term post of the **System Developer** position for the Saving Lives and Livelihoods Programme.

## **Post:**

**Job title:** System Developer-Saving Lives and Livelihoods

**Grade:** Rapid Responder (RR) equivalency

**Number of posts:** 2 (Two)

**Department:** Africa CDC

**Supervisor:** Head of Administration and Management

**Duty Station:** Djibouti

### **Job Description Summary**

The System Developer will be responsible for providing technical support in the development, management, and sustenance of all Information systems. This will include immediate assistance with database support including ongoing data collection, maintenance of data records, generation of reports, ensuring ongoing data quality monitoring, training stakeholders to use the existing systems regularly to answer questions, and creating a culture of using data for reporting, managing and decision making all of interest to Africa CDC and Member States.

### **Major Duties and Responsibilities**

The System Developer shall:

- Coordinate efforts of all members of system development teams to ensure that the systems are operational with current, accurate data.
- Focus on developing capacity for use and sustainability of all systems
- Work closely with Africa CDC Divisions or Member State on systems integration.
- Participate in and supervise activities of data entry, which include entry of new records as well as entry of data updates collected from all levels.
- Maintain access accounts to databases ensuring appropriate user policies and security is enforced.
- Communicate regularly with technical, applications and operational staff to ensure overall database integrity and security.
- Generate reports as needed for Member States and related stakeholders.

- Provide training for database users and support for developing regular and ad hoc reports so that key users are confident in using the systems to respond to information needs.
- Develop a culture among the key stakeholders of using data for decision making and, as new features are implemented, ensure all staff are informed of new features and are properly trained.
- Perform advanced analytics on public health data captured through various AfricaCDC or Member State platforms to inform strategic planning, response and policymaking on the continent.
- Support member states in improving their digital health capacity and capabilities by providing backend analytics on public health data to, guide response, strategic planning and resource allocation, while also improving data quality, data warehousing, data access, and use.
- Prepare reports for the management stating trends, patterns, and predictions using relevant data
- Use automated tools to extract data from primary and secondary sources
- Use statistical tools to identify, analyse, and interpret patterns and trends in complex data sets that could be helpful for the diagnosis and prediction.
- Represent Africa CDC in a professional manner, which creates a positive image and enhances the credibility of the organization
- Other duties as assigned.

### **Qualification and work experience required**

- Candidates must have a University Master's degree in computer science, Information Systems, Information technology or any related fields with 3 -4 years relevant professional experience in software development with existing evidence, preferably in an international organization

### **OR**

- Candidates must have a University Bachelor's degree in computer science, Information Systems, Information technology or any related fields with 5 - 7 years relevant professional experience in software development with existing evidence, preferably in an international organization

## **Required skills and Competencies**

### **A. Functional skills**

- Knowledge of programming languages in any of the following PHP,HTML, XML, JavaScript or Python
- Proficiency in database manipulation languages i.e MYSQL, Oracle

### **B. Personal Abilities**

- Analytical and problem-solving abilities
- Ability to build strong relationships internally and with external actors.
- High level of autonomy at work, yet with profound team spirit.
- Ability to work under pressure, with minimal supervision, and in a culturally diverse team
- Awareness of technological trends and apply necessary technology to the daily work when necessary
- Adaptive, patient, resourceful, resilient and flexible.

## **Language Requirement**

Applicants must be proficient in at least one of the African Union working languages (English, French, Arabic, Portuguese, Spanish or Swahili). Knowledge of two or more of African Union working languages would be an added advantage.

## **Tenure of Appointment**

The appointment will be made on a fixed term contract of which the first three months will be considered as a probationary period. Thereafter, the contract will be renewed annually subject to satisfactory performance and fund availability.

## **Gender Mainstreaming**

The AU Commission is an equal opportunity employer and qualified women are strongly encouraged to apply.

## **Remuneration**

For International hires indicative pay is US\$ 6,000 per month. For local hires, the indicative pay is US\$ 3,000 per month.

## **How to apply: Submit your resume, application letter, and relevant documentation to:**

Interested candidates are welcome to apply by either of these two means.

- a. The Ministry of Health or the National Public Health Institute of member state can submit a maximum of three CVs for a position



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Or submit applications to.

- The Administration & Human Resource Office
- African Field Epidemiology Network (AFENET)
- <https://recruitment.afenet.net> and a copy on Email: [sec@afenet.net](mailto:sec@afenet.net)

\*ONLY successful candidates shall be contacted for an interview.

**Please note that all applications should be sent online by close of business 5:30 pm (EAT)  
Friday April 7, 2023**

**Note: More details about this position can be obtained from our website: [www.afenet.net](http://www.afenet.net)**