**Health IT Sr. Test Engineer (Clinical)**

**Location: Washington DC area, St Petersburg, FL, Birmingham AL**

EM Key Solutions Inc, a proven Government Contractor, is seeking a unique, self-motivated, and influential individual to support our Government client.

**Essential Functions and Job Responsibilities:**

As part of the ESE Testing Service Independent Verification & Validation team, the Health IT Sr. Test Engineer position is responsible for providing systems analysis, requirements analysis and risk assessment of various applications including Enterprise Health Record Modernization (EHRM) with VistA legacy and others. The position will also require software testing and other activities including, but not limited to:

* Analyzing and comprehending requirements
* Writing detailed test cases to cover the requirements
* Ensuring all requirements are mapped to test cases
* Understanding project architecture, test environment, test data needs
* Conducting thorough testing of the product – positive, negative, validation, exploratory, regression
* Testing may include verification and validation and data integrity.This testing includes items such as database persistence, and/or validation of data transfer between systems to verify technical solution requirements have been met, either within VA or across agencies such as VA and DoD. Negative testing should also be conducted to verify proper error processing.
* Identifying and dispositioning defects as per standards and processes
* Writing detailed status reports, test execution reports, and test analysis reports
* Evaluating, recommending, and implementing automated test tools and strategies
* Designing, implementing, and conducting test and evaluation procedures to ensure health information technology system requirements are met
* Developing, maintaining, and upgrading automated test scripts and architectures for application products
* Serves as subject matter specialist providing testing know-how for the support of user requirements of complex to highly complex software/hardware health IT applications
* Directs and/or participates in all phases of risk management assessments and software/hardware development with emphasis on analysis of user requirements, test design and test tools selection
* Work successfully both independently and in a team setting promoting a collaborative work environment with team members and customers, defining, organizing, and/or presenting detailed information and data needed to accomplish organization and testing goals
* Candidate will actively participate in collaborative meetings with the VA EHRM customer, teammates, VA project teams and other key stakeholders

**Minimum Requirements:**

* Bachelor’s Degree in a recognized technical, engineering, scientific, managerial, business, or other discipline related to area of expertise. Two (2)  years of documented relevant experience. Associate’s Degree together with four  (4) years of documented relevant experience, may be substituted for the Bachelor’s Degree
* Experience in a healthcare environment and with electronic health records
* In-depth understanding and knowledge of clinical workflows, policies, and procedures, patient care/clinical business processes
* Candidate must possess broad and comprehensive experience in software testing lifecycle.
* At a minimum the candidate must have seven years’ experience with clinical software testing and leading test efforts
* Experience must include writing detailed test plans, detailed test cases, and test reports, communicating status and presenting defects to stakeholders
* Knowledge of test management and automation tools
* Experience with service oriented architecture (SOA), and SOAP or REST message structures, Fast Healthcare Interoperability Resources (FHIR), HL7 message
* Must have experience in Healthcare IT (Electronic Health Record experience with DoD or VA is a plus)
* Strong knowledge of the Cerner healthcare domain
* Must have excellent oral and written communication skills
* U.S. Citizenship is required as is successfully passing a thorough Government background screening requiring the completion of detailed forms and fingerprinting

**Additional Desired Qualifications:**

* Experience in a clinical setting and with clinical workflows
* Experience with VA healthcare software applications
* Business knowledge of healthcare applications
* Experience using IBM Rational toolset and/or HP Application Lifecycle Management
* Experience using the Agile methodology

EM Key Solutions provides our customers with value-added management consulting and information technology services that consistently deliver success. From Systems Lifecycle Support and Healthcare IT Solutions to Network and Desktop Solutions and e-Business, EMKS is focused on making our clients’ businesses run smoother and better. With a highly trained technical staff, we apply state-of-the-art information technologies, the industry's most advanced methodologies, and broad-based support services to clients in U.S. Government agencies and the commercial sector.

**EMKS is an Equal Opportunity Employer.**  
**All qualified candidates are encouraged to apply, including:**  
**Minorities, Women, Individuals with Disabilities, and Protected Veterans.**