



QA & Web Software Test Engineer

Job Title: QA & Web Software Test Engineer
Department: Information Technology (IT)
Reports To: Director of Health Information Technology
FLSA Status: Exempt

SUMMARY: The QA & Web Software Test Engineer responsibilities include building, coding, implementing, running, testing and maintaining a set of automated website tests from CalMHSA's Electronic Health Record (EHR) software vendor, Streamline.

DUTIES AND RESPONSIBILITIES (include but are not limited to):

- Running software evaluation test programs to ensure protocols evaluate correctly with the software.
- Adjusting the software testing systems if needed for maximum performance.
- Finalizing and documenting testing procedures.
- Meet with development managers to discuss software specifications and controls.
- Create and document automated and manual test plans and procedures, execute tests, analyze results, and report on test problems and anomalies (document bugs).
- Present test reports to management and suggesting software fixes.
- Perform software testing in all phases of the design-develop-test-release-maintain software life cycle
- Document findings in automated tools and communicate effectively with project manager, software developers, end users, and others to record, track, and close outstanding issues and requirements.
- Implement automated testing processes to reduce workload and increase the efficiency and reliability of QA process.
- Maintains a professional understanding of web development by tracking trends.
- Accomplishes company goals by accepting ownership of new and different requests.
- Complete understanding of web applications/website related issues.
- Ability to give sufficient input into the technical analysis of the EHR software, Streamline.

QUALIFICATIONS –

EDUCATION and/or EXPERIENCE:

- Requires a BS/BA in IT related study, or computer engineering, computer systems, or computer science.
- At least 3 years of work experience in software test engineering.
- At least 2 years of experience using an automated software testing platform.
- Preferred but not required experience testing software with Selenium or TestComplete.
- Advanced knowledge of debugging codes and software development languages.



- Knowledge of software development lifecycle processes (SDLC), procedures, and Software Quality Assurance methodologies.
- Good understanding and experience of EHR development projects and technologies.
- Planning, organizing, defining & implementing quality processes.
- Having programming experience is a plus.
- Experience working with popular operating systems including Windows.
- Ability to collate data and compile test reports.
- Excellent software troubleshooting skills.
- Ability to design and write complex software testing procedures.
- Experience supporting websites and web servers.
- A solid understanding of how web applications work including security, session management, and best development practices.
- Takes personal responsibility for the quality and timeliness of work and achieves results with minimal oversight.
- Must be a team player and work well in a deadline-driven environment with multiple priorities.
- Confidentiality and integrity focused.
- Problem-solving aptitude.
- Excellent interpersonal and communication skills – working with all levels of employees and vendors.
- Has a strong desire to succeed in the face of adversity and demonstrates the willingness to push through challenges associated with changes and new business development.
- Must be willing to travel/commute, when necessary.

LANGUAGE SKILLS and MATHEMATICAL SKILLS - Demonstrate the ability to read, comprehend, and respond appropriately through written or verbal form; demonstrate tactfulness when communicating including internal communication with staff members of all levels; ability to communicate with a variety of audiences effectively. Ability to add, subtract, multiply, and divide in all measure units, using whole numbers, common fractions, and decimals.

REASONING – Demonstrate the ability to effectively apply common sense and follow through to daily tasks; demonstrate the ability to work with little or no supervision; demonstrate excellent analytical skills; demonstrate the ability to efficiently conduct research and ask appropriate probing questions to complete necessary tasks.

PHYSICAL DEMANDS - The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. While performing the duties of this job, the employee is frequently required to sit and stand; use phone and headset; use hands, arms, fingers to type; answer phones; write; use calculator; demonstrate strength to lift and carry materials weighing up to 10 pounds; demonstrate clear vision to read printed materials and a computer screen; hearing and speech to communicate in person and over the telephone; and drive a motor vehicle on public roads and highways.



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SENSORY DEMANDS - The incumbent must spend long hours in intense concentration. The incumbent must also spend long hours on the computer entering information which requires attention to detail and high levels of accuracy.

MENTAL DEMANDS - There are a number of deadlines associated with this position, which may cause significant pressure. The incumbent must also deal with a wide variety of people on various issues.

REGULAR WORK SCHEDULE – Varies depending on business needs; however, company normal business hours are 8:00am to 5:00pm, Monday – Friday.