

Title: Software Engineer III

Location: Redstone Arsenal, AL

Position Status: Full Time Part Time

Work Schedule:

Regular hours are Monday - Friday between the hours of 8:00 am - 5:00 pm. Employees may need to adjust work hours to meet customer missions and during surge situations.

Brief Job Description:

The Software Engineer III designs, develops, documents, maintains, tests, debugs and enhances complex and diverse software systems such as processing-intensive analytics, novel algorithms, extremely large datasets, real-time systems, or business management information systems, based upon documented requirements.

Duties and Responsibilities:

- Assists management in analyzing user needs and developing software solutions, designing software and customizing software for client use, leveraging primarily C#, C++ and Java
- Reviews and tests software components for adherence to the design requirements and documents test results; Resolves software problem reports.
- Provides input to the software components of system design to include hardware/software trade-offs, software reuse, and the use of COTS/GOTS software in lieu of new development
- Conducts analysis and collaborates with subject matter experts in the planning, design, development, and utilization of electronic data processing systems for information storage, processing, presentation, manipulation, display, or reporting
- Determines computer user needs; analyzes system capabilities to resolve problems on program intent, output requirements, input data acquisition, programming techniques and controls; prepares operating instructions, as necessary
- Ensures software standards are met
- Conducts formal testing with respect to user needs, requirements, and business processes conducted to determine whether or not the system satisfies the acceptance criteria set by the customer
- Effectively communicates with management to relay the status of the project objectives on a regular basis
- Acts as mentor to lower-level developers, providing guidance as needed
- Performs other tasks as needed

Education, Experience and Qualifications:

- Must have ability to obtain a DoD Security Clearance; An active clearance is preferred
- Must have at least fourteen (14) years of experience and a Bachelor's Degree in a related field
- Working experience with C#, C++ and Java is required
- Must have experience leading and managing software development teams and working in multiple-organization environments; developing and presenting documentation and recommendations; Designing multi-layered, complex systems; integrating COTS and open-source software; and developing complex analytics systems
- Must have demonstrated experience with COTS and open source tools, to include: Accumulo, MongoDB, Redis, MapReduce, Elasticsearch, Tomcat, Nginx, Kafka, Infoshpere Streams, Maven, Git, Eclipse, JIRA, Jenkins
- Must pass a drug screening
- Military experience is a huge plus

- Experience with the following is desired: Software development with Cooperative Analysis Models; Development of all aspects of data analytics, user interface capabilities, ontology services, and government data analysis tools; and demonstrated success working in Agile development environments
- Punctuality and regular attendance are required
- Grooming and dress must be appropriate for the position, must not be of an offensive nature, and must not impose a safety risk to self or others
- Demonstrates positive, polite, and professional behavior at all times when dealing with co-workers, customers, and all levels of management
- Communicates using clear, concise, and accurate English, both verbal and written are required

Physical Requirements:

Work may involve sitting or standing for extended periods of time. Position may require typing and reading from a computer screen. Must have sufficient mobility to include but not limited to: bending, reaching, climbing, turning, and kneeling to complete daily duties in a timely and efficient manner. There is a possibility that due to parking availability and location of work, walking moderate to long distances may be required. Must be able to lift, move, and transport items frequently over 15 pounds.

Work Environment:

Generally, work is conducted in an inside office environment, but may also involve some outside work depending on the task. The inside environment may be a cubicle or office with close quarters, low to moderate noise, and bright or dim lighting. Outside work may include various environmental conditions including warm and cold climates and while on travel, some work may be conducted outside for military customers.

Other Essential Functions:

Employees may be required to travel for work related tasks. Reliable transportation to office or work site is required. When operating any vehicle for work purposes, the employee must wear a seat belt at all times. The use of cellular devices while operating a vehicle is prohibited.

T&W Operations is an equal opportunity employer. The company will provide equal opportunity in employment to all employees and applicants for employment. No person will be discriminated against in employment because of race, religion, color, sex, age, national origin, disability, genetic information, military status, sexual orientation, gender identity or any other characteristic protected by applicable federal or state law. This policy applies to all terms, conditions, and privileges of employment and all policies of the company

At the time of hiring, employees are required to sign a written statement acknowledging that they are employed at the will of the company and are subject to termination at any time, for any reason, with or without notice, and with or without cause. Employees who do not have an individualized written employment contract or a collective bargaining agreement are employed at the will of the company and are subject to termination at any time, for any reason, with or without cause or notice. At the same time, these employees may terminate their employment at any time for any reasons.