

**Software Engineer L2**  
**TPMC Office: Fort Meade, Maryland**

TerranearPMC, LLC (TPMC) a growing, full service environmental and alternative energy consulting company seeks a full time Software Engineer Level 2 to support a contract for the National Security Agency (NSA) as an on-site contractor at the NSA Fort Meade, Maryland location.

**Requirements**

- Three years' experience with Firewalls, IPSEC, PKI, and/or VPNs.
- Three years' experience with any of the following: business process management products, cloud technologies, data tagging and mobile application technologies.
- Three years' experience in administering Web Servers to include Apache, IIS, JBoss and Tomcat.
- Three years' experience developing web-based interfaces to include FireFox, IE, AIX, Linus, Solaris, Windows and/or Virtual Machine Operating Systems.
- Six years implementation experience with a Pegasystems Partner AND certification as Certified Senior System Architect, within the last year, with any of the following: business process management products, case management products, or customer relationship management products.

**Job Responsibilities**

- Analyze user requirements to derive software design and performance requirements.
- Design and code new software or modify existing software to add new features.
- Debug existing software and corrects defects.
- Integrate existing software into new or modified systems or operating environments.
- Develop simple data queries for existing or proposed databases or data repositories.
- Develop or implement algorithms to meet or exceed system performance and functional standards.
- Assist with developing and executing test procedures for software components.
- Write or review software and system documentation.
- Develop software solutions by analyzing system performance standards, conferring with users or system engineers; analyzing systems flow, data usage and work processes; and investigating problem areas.
- Serve as team lead at a level appropriate to the software development process in use on any project.
- Modify existing software to correct errors, to adapt to new hardware, or to improve its performance.
- Design, develop and modify software systems, using scientific analysis and mathematical models to predict and measure outcome and consequences of design.
- Design or implement complex database or data repository interfaces/queries.
- Oversees one or more software development teams and ensures the work is completed in accordance with the constraints of the software development process being used on any particular project.
- Design or implement complex algorithms requiring adherence to strict timing, systems resource, or interface constraints; perform quality control on team products.
- Confer with system engineers and hardware engineers to derive software requirements and to obtain information on project limitations and capabilities, performance requirements and interfaces.
- Coordinate software system installation and monitor equipment functioning to ensure operational specifications are met.
- Implement recommendations for improving documentation and software development process standards.

**Education Requirements**

- Bachelor's degree in Computer Science or related field.
- Fourteen years' experience in programs and contracts of similar scope, type, and complexity.
- Four years of additional software engineering experience on projects with similar software processes may be substituted for a bachelor's degree.
- Top Secret Clearance.

**TPMC provides qualified candidates a robust and exciting work environment, and a competitive compensation package, including full benefits and 401(k). EOE**

Please send resume and salary requirements to:

**Mail:** TerranearPMC  
Attention: HR  
222 Valley Creek Boulevard, Suite 210, Exton, PA 19341

**Email:** [HR@terraneapmc.com](mailto:HR@terraneapmc.com)