

FALCONWOOD INC.

About Falconwood, Inc:

Falconwood, Inc. is a small, woman/veteran-owned business providing executive level consultants and programmatic support to Department of Defense (DoD) Information Technology (IT) initiatives and programs.

We provide expert consultation on a diverse range of IT subjects focusing on acquisition strategy, implementation activities, and Cyber Security policy and engineering.

We have an immediate opening for a **Model-Base Systems Engineer** to employ MBSE with System Model (SysML) to enhance communication, improves productivity and quality, supports systems integration, manages complexity, facilitates reusability. The MBSE will provide support to the Global Combat Support System-Marine Corps (GCSS-MC), PMW 230, who supports the modernization and sustainment of Marine Corps supply and maintenance functions through the development of a web-based common user interface that provides an integrated and distributed logistics capability enabling leaders to effectively plan, manage, execute, and monitor logistics operations from both a garrison and a forward deployed environment.

Duty Location:

Stafford, VA

**Minimal travel may be required.*

The Model-Base Systems Engineer will:

- Perform Requirements Definition, Analysis and Allocation.
- Develop Architecture using data, modeling, simulation, and analysis assessment processes and evaluate metrics for potential future Navy Business/IT system acquisitions:
 - Collect information and building DoDAF architecture artifacts for acquisition.
 - Use MagicDraw as the main integrated architecting tool, but also prototype via MS Visio.
 - Capture/distill use case/processes information from the shipyards and RMCs, then help turn those into event traces and architecture artifacts.
- Identify and develop standards and interface specifications.
- Conduct architecture and engineering gap analysis.

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- Provide critical review of architecture and engineering related documentation.
- Leverage architecture data, modeling, simulation, and analysis assessment processes to evaluate metrics for potential future system acquisition.
- Provide and facilitate engineering analysis and communicate recommendations.
- Represent and facilitate Navy Enterprise Architecture requirements to ensure appropriate alignment issues and technical decisions that affect system design and interoperability.
- Develop and present executive-level briefs.
- Serve as action officer and develop status reports.

Required:

- **Active Secret Clearance**
- Enterprise Architecture Certification desired
- Practical experience of MBSE Tools such as MagicDraw, IBM Rational Rhapsody, Sparx Systems Enterprise Architect, No Magic Cameo System Modeler, Visual Paradigm, Vitech CORE, etc...
- MS in Systems Engineering with 5+ years of professional experience desired

Please reply directly to this position description with an updated resume and your salary requirements directly to Tiffany Cannon at tcannon@falconwood.biz.

Tiffany A. Cannon
Falconwood, Inc.
Office: 703.888.4328
Email: tcannon@falconwood.biz

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