

Position: Software Project Manager

Location: Newtown PA

Job Summary

The candidate's role will be to manage all parts of the software development lifecycle, including designing, developing, testing, and maintaining production-grade software applications and databases. This will involve evaluating and analyzing user/system requirements, and designing and implementing a team strategy based on its goals. Additionally, the candidate will be responsible for providing professional product support and documentation to end users and integrators. A successful candidate should be a goal-oriented team player and a life-long learner.

Job Objectives

- Develop and execute software engineering plans, manage software engineering schedules and budget
- Ensure that robust and secure engineering design, process, and quality control practices are followed
- Ensure that development meets or exceeds customer requirements, including ensuring that product designs are well documented and communicated
- Drive overall architecture, security, and certifications of software products
- Provide architectural and technical guidance to product development
- Monitor technology trends such as emerging standards for new technology opportunities

Requirements

- 5+ yrs project management experience required, including experience in software architecture and managing development teams
- 5+ yrs experience in object-oriented software development; includes the design, development, testing and deployment of Windows-based software and/or services
- 4+ yrs experience in writing stored procedure and relational data model design using T-SQL with SQL 2000 or better
- 3+ yrs experience with MS .NET framework; including: ADO.NET, ASP.NET, TCP/IP sockets, Windows GUI+, XML, XSL, XSD and other related-technologies
- 3+ yrs experience designing multi-threaded, client-server applications and/or services

- Strong understanding of and experience in .NET technologies, such as remoting, diagnostics, serialization, ADO.NET, ASP.NET, interoperability, reflection, security, encryption, XML, and others
- Experience with object-oriented design patterns and practices, in relationship to the C language
- A 4 year computer science degree or equivalent
- Advanced technical writing skills
- US citizen or permanent resident

Additional Preferred Skills

- Experience in C\C++ programming, with regards to ActiveX and COM development
- Experience with common network protocols, such as: SNMP, HTTP, TCP, UDP, SMTP, and FTP
- Working knowledge of serial communications (i.e. RS232, 422 and 485), data acquisition, and signal processing
- Knowledge of security devices, including CCTV cameras, DVR systems, Access Control systems, and/or embedded systems
- Experience in embedded system programming
- Experience with LabVIEW and Matlab
- Experience in Software Configuration Management (SCM)
- Ability to multitask and work independently with minimal supervision
- Strong communication skills

About Optellios

Optellios, Inc. is a leading fiber-optic technology company with an elite development team focused on advanced solutions for sensing, security, and communication. Our FiberPatrol line of security products leverages pioneering patented and patent-pending fiber-optic sensor technologies to provide the most advanced and cost effective security solutions for military bases, airports, power plants, water treatment facilities, pipelines, secure data networks, and other critical infrastructure and high-value assets.

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