

Terry Callahan

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OBJECTIVE: To provide application development and implementation services using value enhancing software solutions; to improve the efficiency and productivity of the development environment with process improvements and staff mentoring.

SUMMARY: A history of over 20 years of project management, technical leadership and system design, traversing a variety of platforms and languages. Experiences include website design and development, Visual Basic desktop application development, and real-time applications in the C language. Extensive experience in manufacturing plant SCADA and MES systems.

SOFTWARE: Wonderware FactorySuite, Iconics GENESIS32, Intellution iFIX, USDATA FactoryLink, GE Cimplicity, Microsoft SQL Server, Crystal Decisions Crystal Reports

LANGUAGES: Visual Basic, C++, Java, C#, COBOL, SQL, Perl

PROFESSIONAL ACHIEVEMENTS

Web Development:

- Assisted in the design and implementation of a system to provide real-time plant floor information through the Internet for delivery to HTML browsers and PalmPilot handheld devices using XML and the Microsoft Document Object Model.
- Designed and implemented a Microsoft .Net based solution to record refinery equipment inspection results.

Plant Floor Solutions:

- Contributed design and implementation expertise for a web based assembly cell monitoring system using the Iconics product and lean manufacturing concepts.
- Provided re-engineering consulting for an Intouch Wonderware system providing highly purified water for a pharmaceutical application. Upgraded systems and prepared documentation for FDA validation process.
- Served as primary architect for a real-time C++ based steel mill coil tracking system

Technical Leadership:

- Provided technical leadership to a group of approximately 15 professionals executing multiple concurrent plant floor systems projects.
- Responsible for determining appropriate development methodologies and standards, insuring conformance, and providing consulting on same to other business units.
- Served as Technical Leader for the development of a near real-time C language based Supervisory Control and Data Acquisition product.

EDUCATION:

- International Academy of Design and Technology, Pittsburgh PA, 1978
- Columbus Technical Institute, Columbus Ohio, 1980
- EDS VAX Systems Programmer Development Program, 1990
- Oakland University, Rochester Hills MI, 1998

CERTIFICATIONS:

- Microsoft Certified Solutions Developer
- Sun Certified JAVA Programmer