

MARSHALL LAWRENCE

E-mail: marshall@mwlawrence.com

PROFESSIONAL PROFILE

Self motivated with over 35 years of Technical FBM military and civilian experience in support and operation of Strategic Systems Programs (SSP) systems. Expertise lies in Fleet Ballistic Missile (FBM) Navigation (TRIDENT II/TNCP/C4), TRIDENT Missile Flight Testing, Strategic Systems Programs, Software Development and Project Management.

Security Clearance - SECRET. Last periodic investigation - 2011. Held - Top Secret/SSBI.

QUALIFICATION HIGHLIGHTS

Excellent Team Member	Excellent Writing Skills	Excellent Communication Skills
Research & Development	Organizational Leadership	Master Training Specialist
Software Development	Systems Engineering	Documentation Development
Life Cycle Management	Program Management	Process Improvement
Configuration Management	Coordination Management	Alteration Management

PROFESSIONAL EXPERIENCE

Engineering Site Representative, BAE Systems, Inc., Cape Canaveral, FL (Apr. 11 – Sept. 13)

- Engineering liaison support between the Cape Canaveral Navy customers and BAE Support Solutions engineering divisions at BAE headquarters in Maryland. Providing engineering support for alterations, configuration management, coordination drawings and documentation of the D5 Missile system, SSBN Submarine Systems, the SSBN Replacement Program and missile handling equipment.
- Team member, representing BAE Systems and Strategic Systems Programs (SSP) customers on the Common Missile Compartment and SSBN replacement design teams, specifically addressing missile handling and transport equipment.
- Support team member of the Lockheed Martin LMSSC/Common Missile Compartment Missile Support Equipment development team.
- Subject Matter Expert (SME) for Strategic Systems Programs (SSP) programs including Systems Engineering, Configuration Management, Alteration Management, Coordination Documentation, SSBN Weapons System and Ship interfaces.
- Team member of the Strategic Weapons System Ashore (SWSA) Coordination Document development team. Responsible for the SWSA Interface Requirements Document Instruction development and review.
- Team member of the SWSA Requirements Document development and review team. Responsible to the SWSA Project Manager for the technical review and presentation of the requirements to Change Management Board.
- Permanent team member of the SWSA Team representing BAE and providing liaison to the SWSA Development team for BAE SP products. BAE was subsequently removed as part of the SWS Development team.

Project Manager/Software Engineer, InfraTech, LLC, Cocoa, FL (Feb. 09 – Apr. 11)

- Project Manager of a multi-million dollar support contract for the U.S. Navy, TRIDENT Missile Flight Test Program. Specifically responsible for deliverables, including documentation, organizational research projects, technical plans and procedures, critical path research, risk management, TFR Management and mitigation plans for the Flight Test Instrumentation Branch of SP-274.

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- SSP Contract Support. Ensure support contractors are in compliance with the SP Systems Engineering approach to systems design, that documentation is in accordance with current SSP Directives and that proper system maintenance is being conducted to preserve government furnished equipment, that proper TFR/CAR requirements are being met by all sub-contractors of the Flight Test Instrumentation sub-contractors. Developed executive summaries, presentations and reports consumed by all levels of management in SSP.
- Lead Software Engineer, system integrator, for an autonomous Security Vessel that operates in a water environment. The vessel carries various sensor payloads, including video and sonar. Developed the Command and Control and embedded software for the Vessel.
- Project Manager. Develop project plans, technical plans, test plans, system integration plans and cost and risk. Supervise the development of test procedures for various products being developed by InfraTech in support of the company's pursuit in the Intelligence gathering, Surveillance and Reconnaissance (ISR) market.

System Developer/Team Lead, JHT, Inc., Orlando, FL

(Nov. 08 – Feb. 09)

- Software Developer for a U.S. Navy, Submarine, Common Radio Room training simulator. Specifically responsible for the simulator software for the Follow-On Terminal, UHF Satellite Communications system. The Simulator system is a fully operational, integrated, flexible simulator using multiple PCs, network attached, and touch screen technology.
- Team Lead. Responsible for the software peer reviews of 22 Software Engineers/Developers. Generated the peer review reports, the plan for individual software development improvement and team process improvements based on the collective peer reviews.

Systems Analyst/Programmer III, InfraTech, LLC, Frederick, MD

(Sept. 2004 – Sept. 08)

- Review, system analyst, and modify software systems, including encoding, testing, debugging and documenting programs for the D5 TRIDENT Missile Flight Test Program, Portable Impact Locator System (PILS II / GEN III). Ensured that all aspects of the software development life cycle was per CMMI, IEEE 12207 and government standards.
- Designed software systems based on user requirements, developed software test plans for module level testing and integration testing. Software systems included both post mission analysis software and real time command and control systems of an autonomous sea based system.
- Participated as the software development expert in system design teams. Ensured the team's efforts met the customer requirements.
- All software development efforts were completed using C/C++ on the Windows platform. Identified as a well respected Software Engineer throughout the Fleet Ballistic Missile community.

Master Chief Petty Officer, United States Navy

(Dec. 77 – Jan. 08)

- Responsible for training and qualification of all Military Missile Flight Test operators; requiring a detailed knowledge of all Flight Test Support Systems, Consolidated Support Ship (USNS WATERS) applicable equipment, ship capabilities and handling characteristics. Ensured documentation and training of operators was consistent with Government standards for the conduct of onboard operations. Supervised the handling and proper training of the Electronic Key Management System (EKMS) related to the Eastern and Western Missile Ranges.

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- Selected as the Technical Advisor to the Commanding Officer for the D5 TRIDENT II Navigation research and development mission and the D5 TRIDENT II Missile Flight Test mission. Conducted thirty-five Navigation R & D missions as the senior government representative, ensuring proper conduct, procedural compliance, and documentation of the at sea test.
- Participated as a subject matter expert in the end-to-end testing of the Western Missile Range inaugural D5 TRIDENT II Missile Flight Test. Awarded the Navy Meritorious Service Medal.

Education

- Masters, Business Administration/Project Management; Columbia Southern University; Orange Beach, AL; Graduated September 2008.
- Bachelor of Science, Computer Information Systems; Chapman University, Orange, CA; Graduated November 2000.
- Associate of Science; University of the State of New York. Albany, NY; Graduated May 1986.

Technical and Administrative Skills

- Proficient in software development using MS Visual Studio, Borland C++ Builder and Eclipse (Linux)
- Working knowledge and experience developing in C, C++, C#, Visual Basic, JAVA, PHP.
- Working knowledge of Application Development on the Android Platform.
- Proficient in the use of various personal computer and network applications including Microsoft Word, Power Point, Excel, Access, Outlook, MS Project, and Mindjet.
- Working knowledge of CMMI, Six Sigma, Lean, EWR 127-1, Eastern Range OR-900, Pacific Range OR, IEEE 12207 Software Development Life-cycle Standards

References

- Available on request.