

# SHARON DEVOIE, PMP

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## Expertise

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| ◆ Engineering/Quality/Manufacturing Leadership | ◆ PMI/PMP Certification                           |
| ◆ SW and HW Development and Delivery           | ◆ Financial delivery – EVMS/CPI/SPI/Risk Mngt     |
| ◆ NPI/Manufacturing Automation Deployment      | ◆ International Travel and Cross-Cultural success |
| ◆ Waterfall and AGILE SDLC                     | ◆ Kaizen Team Member for CI, DMAIC, SPC           |
| ◆ Client Facing/On-call Customer Support       | ◆ MS Word, MS Project, Excel, MS Powerpoint       |
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## Professional Experience

### Cirtec Medical (Enfield, CT)

(July 2018 – Present)

#### *Senior Program Manager*

- Managed multi-functional (development/quality/manufacturing) teams for off-shore design of neuromodulation device for third party; completed major deliverables
- Served urgent need as Operations Liaison with launching program to resolve supplier issues and meet customer shipment schedules. Activity resulted in increased contract value and customer confidence
- Tracked process development activity including labor and material charges. Provided updates to upper management as well as guidance using AGILE framework
- Instructed junior program managers and trained technical staff as to the value program management brings to the business. Fostered collaboration across teams
- Provided schedule, action logs, and burn-up charts for customer monitoring
- Ran weekly (or more frequent) customer discussions with cross-site, multifunctional engineering teams to resolve technical and program issues
- Authored Design and Development Plan, and managed other regulated Quality Management System deliverables
- Managed off-shore electronics supplier vendor
- Contract 1099 starting Oct 2019

### L3 Technologies

(September 2013 – July 2018)

#### **Sr Program Manager – ForceX – Nashville, TN (January 2017 – July 2018)**

- Led programmatic and engineering activities for USAF programs using AGILE software development environment (\$2.5M)
- Conducted customer-facing meetings and negotiations for technical deliverables, schedule, and financial needs
- Drove AGILE process for SW development, test, and rapid delivery, meeting daily with engineering resources for tasking
- Led weekly resource allocation meetings with engineering stakeholders to allocate matrixed personnel for all programs
- Provided exceptional ownership and dedication to meet technical deadlines and ensure overall team delivery

#### **Sr Program Manager - International Programs - KEO - Northampton, MA (September 2013 – December 2016)**

- Managed program activities for International defense agencies (FMS/DCS) (\$40M)
- Provided work breakdown structures, milestones, financial metrics, technical specifications, supply chain performance, manufacturing, installation and deployment
- Incorporated Earned Value Metrics and PMBOK principles including CPI, SPI, and Risk Management
- Secured customer approval for military articles: technical, contractual and financial
- Led strategic team to improve sales in international business, focusing on customer inputs and feedback, including proposal team lead for a major international defense proposal - \$700K improvement

### Western Digital Corporation

(March 2008 – September 2013)

#### *Senior Principal Engineer (Product Quality/Field Quality)*

- Provided technical, customer-facing direction for *Enterprise Class* and *Mobile* OEMs, including Failure Analysis and Statistical Process Control (SPC) reporting
- Led engineering and manufacturing teams to diagnose Root Cause and implement Corrective Action plans
- Defined Failure Analysis needs and presented findings to customers as part of quality and sustaining activities
- Provided consistent feedback to factory ‘Continuous Improvement Initiatives,’ resulting in 40% reduction in ‘line-down’
- Trained/tasked newly assigned engineers in hard drive technology and team activity

**Maxtor Corporation, Shrewsbury, MA (Formerly Quantum Corporation)****(May 1997 – January 2007)*****Maxtor Corporation - Program Director (Jan 2005-Jan 2007)***

- Directed R&D cross-functional teams, reviewing technical progress, issues, schedules, and contingencies as needed
- Presented weekly to all stake holders, including executive staff
- Successfully coordinated international team for manufacturing launch
- Interfaced with purchasing and materials to insure parts availability (including long lead time) for products in development
- Defined and implemented life-cycle processes for corporate ISO 9001 requirements
- Worked with Sales Ops (post-launch) and presented to customers on program status and product capability

***Maxtor Corporation - Senior Engineering Manager/Manufacturing Test and Configuration (Aug 1999 – Dec 2004)***

- Coordinated program goals for the design, including functional specifications, customer requirements, and engineering deliverables
- Authored test plans outlining areas of manufacturing test: PCBA Functional Test, Head Disk Assembly Test, FW Flash, In-drive diagnostics, Data archival, and Configuration Test
- Used statistical sampling to facilitate failure analysis and corrective actions in the factory and with suppliers, communicating cut-in dates and factory capability
- Designed and implemented manufacturing test processes to meet product quality and production line 'takt' time goals
- Designed parametric queries on internal software, analyzing manufacturing failures.
- Resolved manufacturing issues and provided details to other responsible engineering areas as needed: mechanical, read/write, servo, and firmware
- Coordinated testing to meet program goals for manufacturing launch
- Worked cross-functionally to support programs in development as well as quality issues in the field, often in time/revenue critical situations
- Defined and implemented life-cycle processes for corporate ISO 9001 requirements
- Program manager of first RoHS program - meeting program delivery goals
- Traveled to manufacturing sites as a member of corporate "swat team" for yield improvement and revenue shipments

***Quantum Corp - Senior Manufacturing Process Development Engineer (May 1997 to August 1999)***

- Defined criteria for development and implementation of new test architectures for manufacturing. Architecture written in C and developed cross-site
- Launched Windows-based/SQL architecture and hardware at Asian manufacturing partner
- Provided training to manufacturing and configuration sites
- Authored test plans outlining FW Flash, Data archival, and OEM Configuration Test
- Incorporated *Design for Test* into product life cycle
- Performed "design of experiments" to determine validity of new firmware and manufacturing tests
- Defined SPC criteria for quality monitoring in the factory

**OKIDATA CORPORATION, Mt Laurel, NJ - Senior SW Engineer****(August 1995 to May 1997)\***

- Coordinated International team of development and test resources
- Initiated and defined evaluation Entrance and Exit Criteria for development, incorporating quality level and deliverables into payment schedule
- Reviewed specifications, created testplans, test reports and updated defect database. Tracked problems from submissions to resolution
- Defined processes (re-engineered) the evaluation group, moving from firmware "over-the-wall" testing to comprehensive Software Development Lifecycle
- Introduced official defect tracking into project monitoring, establishing requirements for database development
- Introduced SEI CMM and other software development initiatives

**HITACHI COMPUTER PRODUCTS, Waltham, MA - Senior SW Engineer****(1991 to 1994)\***

- Performed System Test for Hitachi Mainframe; authored File System Testplan, reviewed functional specification and created system-level scenarios
- Directed testing activities for 8 other engineers for file systems
- First QA engineer to attend development status meetings to promote quality through entire development lifecycle. Establish Testplan, coding and test report standards
- Executed tests for SVID and BSD Compliance

**MASSCOMP/Concurrent Computer Corp. Westford, MA - SW Engineer**

**(1988 to 1991 and 1993 to 1994)\***

- Designed, developed and implemented test cases for REAL-TIME UNIX-based operating system, including newly implemented real-time and file system features
- Authored Testplans describing milestone criteria, hardware requirements and test assertions
- Tested major software components: OS, real-time features, file systems, graphics (Motif), network (TCP/1111, LAN), standards and performance

**Education**

**Computer Science (BS)** – College of Charleston, Charleston, SC May 1988

**PMP Certification - #2018695**

**ISO 14971-** Medical Device Risk Management Training, October 2018

**Security Clearance** – Secret (2013)

**Management Training:** Managing Technical Projects; Software Project Management; Management Compensation; Coaching for High Performance; Effective Interviewing

**Technical Training:** Spotfire, SPC, Failure Analysis Techniques and Tools; Interface Basics; Disk Drive Technology; SCSI; UNIX Internals

**Other** – ITAR compliance

**Affiliations** – SNEC Local PMI Chapters, Antiochian Women's Group