Kevin P. Delorey

2 Boulder Circle
Nashua, New Hampshire, 03062
(978)746-5480

eMail - kevin@delorey.us
LinkedIn Profile -
www.linkedin.com/pub/kevin-delorey/0/b17/402/

Summary

Highly experienced software engineering professional with diverse background of technical and management skills in all phases of the software development cycle with exceptional expertise in Quality Assurance, Test and Project Management. Have successfully planned, directed, coordinated and motivated teams at delivering targeted testing of many complex products and systems, and implementing standards and processes.

Technical Skills

Software - Windows-2000/NT/XP, Word/Excel/PowerPoint/Project/Visio, TFS, Test Manager, ClearCase, ClearQuest, HP Quality Center, Clarify, Lotus Notes, HTML, Unix, Shell scripting, Desktop builds & troubleshooting;
Application System Testing - Brokerage, 401K, Financials, Human Resources, Insurance, CAD, CAM, Process Manufacturing, Materials Management, Print Inspection;
Software Process Development and Implementation - SEI-CMM, ISO9001, Six Sigma Green Belt, Software Development Life Cycle, Test Methodologies, Infrastructure and Architecture, Test Tool Justification and Implementation, Defect Reporting and Tracking, Capability Assessments, Process Auditing, Process and Test Training, Requirements Management, Project Planning and Management, Metrics Reporting and Analysis.

Experience

Eversource, Manchester, NH   2013-2015

(Contract position) Develops and supports internal software tools and applications for electricity generation.

Test Coordinator/Consultant

- Assure that all business requirements are complete and testable as defined for a number of major projects: Automated Meter Reading, NU Web Site Redesign and the Energy Efficiency Customer Engagement Platform.
- Define Test Strategy and Test Plan and acquire approval.
- Drive the development and deployment of the project's SIT testing within defined program test strategy/plan
- Monitor and participate in process:
  - Participate in Requirements and Readiness Reviews and in the Change Control process.
  - Be an advocate for and help internalize the adoption of V&V best practices.
- Report on test status and provide quality metrics:
  - Monitor and report on test progress against schedule, raise issues as needed.
  - Prepare test status reports, including test case charts and defect charts.
  - Be the single point of contact for the project for HP Quality Center support.

Raytheon Company, Woburn, MA   2009-2013

(Contract position) Develops and supports internal software tools and applications to manufacturing.

Test-QA Architect/Consultant

- Performed an assessment of current software engineering process capability, identifying critical areas for improvement, and proposed recommendations to improve process capability.
- Led/mentored implementation of process improvement initiatives to both Waterfall and Agile Development Methodologies producing documented processes, practices, procedures, standards and metrics.
- Developed project test strategy & plan including approach, data, tools, and environment requirements.
- Documented execution results, reported metrics, identified and raised exceptions, evaluated impact, risks and issues, and recommended mitigating actions.

Fidelity Investments, Merrimack, NH   2006-2008

Develops and supports brokerage software applications.

Test Architect

Delivered leadership in enterprise software engineering practices, particularly in test methodologies, infrastructure, process, practices and standards in programs ranging from $1 million to $8 million in budget such as:

- Reviewed program architecture and infrastructure requirements to ensure proposed architecture is testable, complies with approved standards, and was cost effective.
- Assessed and evaluated potential test solutions for specific technology areas based upon quality drivers.
- Developed test strategy including approach, data, tools, automation and environment requirements.

- Identified and raised exceptions, evaluated impact, risks and issues, and recommended mitigating actions.
- Assessed test practices, standards, process, skills and made recommendations for improvement.
- Championed verification practices for early defect removal such as participating in project requirements and design reviews to ensure testable requirements.
- Earned "People, Process, Results Performance Award" in 2008.

Maine Bureau of Motor Vehicles, Augusta, ME   2004-2005
(Contract position) Web enablement effort for Driver License issuing.
Senior QA/Test Manager
- Recruited and hired a staff of 5 test engineers to plan, design and execute system tests on a waterfall implementation of modules to arrive at the total implementation on schedule and within budget.
- Defined and implemented test methodology, architecture, standards and procedures to make the System Test department operational, such as : smoke testing to promote and deploy stable builds, defect metrics, entrance/exit criteria, test coverage checklists, and a System Test Information intranet homepage.

Allmerica Financial, Worcester, MA   2002-2003
Develops and supports asset accumulation and risk management software applications.
Senior QA Manager
- Planned, directed, coordinated and motivated efforts of a 7 engineer SQA team to define and implement SQA processes and practices to make SQA an operational entity and achieve compliance within SEI-CMM Level-2 and 3 "Key Process Areas".
- Performed and/or mentored Quality System Audits and followed up on corrective action to ensure compliance.

BEA Systems, Nashua, NH   2000-2001
Develops, markets and supports a comprehensive infrastructure for development and deployment of reliable, scalable business enterprise applications for e-Commerce.
QA Manager
- Planned, directed, coordinated and motivated efforts of a 6 engineer QA team to gather requirements, define, design, and deploy test cases, tools and processes that evaluated 2 major eCommerce and 2 major eServer product releases; all delivered to schedule and quality goals.
- Implemented and continuously refined sustainable, scalable quality processes, specifically: defect metrics, requirements management and traceability, QA coverage checklists, and disaster recovery of engineering data.

Infinium Software, Hyannis, MA   1998-2000
Develops, markets and supports financial, human resources, materials management and process manufacturing client server software applications for AS/400 platform.
QA Manager
- Planned, directed, coordinated and motivated efforts of 10-14 engineer QA team consisting of onsite, geographically dispersed and offshore engineers to gather requirements, define, design, and deploy test cases, tools that evaluated 3 major product releases; all delivered to schedule and quality goals.
- Developed questionnaire to evaluate and assess software engineering capability.
- Summarized questionnaire findings into initiatives to lead, mentor, document and implement software engineering methodologies, processes, practices, procedures, standards and metrics to consolidate and make operational a centralized Quality Assurance department.

DEC, EMC, Fidelity Investments, Kodak   1995-1998
Worked various software quality assurance positions as a permanent employee or consultant.
- Defined and implemented test methodology to make operational the Y2K test department to evaluate all products for Y2K compliance. Recruited, hired and directed a highly technical QA staff, coordinated test development and reported each product's compliance to Y2K Standard. (DEC)
- Developed and implemented Software Quality Assurance Plan Standard, and Verification and Validation Procedure based upon IEEE Standards. (EMC)
- Implemented SEI-CMM Level 2 and 3 SQA "Key Process Area" initiatives, specifically: defined s/w engineering methodology route maps, work breakdown structures and module key deliverables checklists. (Fidelity)
- Defined and implemented s/w engineering processes and practices to achieve ISO9000 Certification. (Kodak)

Education
- **BS,** Mechanical Engineering, University of Lowell, Lowell, MA
- **AE,** Mechanical Power Engineering, Wentworth Institute, Boston, MA