

objective

Position as a Quality Engineering Manager

professional summary

Software engineer with 29 years of hands-on experience in software development and testing including 13 years in a management role as QA/QE Manager: *Compaq, IBM, Gap, eBay, Kohl's and Williams Sonoma*. Solid understanding and practical experience of software development lifecycle (SDLC) principles on all development and post-delivery stages. Experience working with Agile software development methodologies including experience transitioning from a Waterfall model. Expertise in conducting various tests such as: unit, system, integration, functional, regression, white box: *Java, C++*, performance, scalability, compatibility, acceptance and usability. Thorough knowledge of *Linux, macOS, iOS, Android and Windows*. Extensive experience with *automation testing: Selenium WebDriver, TestNG, Cucumber, JBehave, Continuous Integration/Continuous Delivery: Jenkins, Bamboo, version control: Git/GitHub, Perforce and CVS, load-testing: JMeter, Silk Performer and HP LoadRunner*. Able to work under tight deadlines and rapidly changing priorities. Team player with strong and creative problem-solving and analytical skills and ability to claim *ownership* and work simultaneously on multiple projects.

technical summary

<i>hardware:</i>	i386 / x86-64, Macintosh, SPARC, IBM 3970, AS/400, iPhone, Android
<i>os:</i>	macOS 10.14, iOS 12, Ubuntu 18.04, CentOS 7.5, Windows 7/10
<i>ci/cd:</i>	Jenkins, Bamboo, TeamCity, AnthillPro
<i>apps/web servers/ws:</i>	Jira, Maven, Gradle, Ant, Kibana, Kubernetes, Nagios, Git/GitHub, SaltStack, Puppet, Chef, Vagrant, VMware, Docker, Tomcat, WebLogic, Jboss, REST, SOAP
<i>testing tools:</i>	SonarQube, Jacoco, Selenium WebDriver, JMeter, TestNG 7, Junit 5, SoapUI, JBehave, Cucumber, Perfecto Mobile, SeeTest, Appium, HP Performance Center
<i>languages:</i>	Java, Scala, C, C++, Objective-C, Swift, JavaScript, Perl, Ruby, Python, PHP, JCL
<i>amazon web services:</i>	EC2, S3, Lambda, RDS, DynamoDB, CloudFront, SNS, SQS, KMS, CloudWatch
<i>db/frameworks:</i>	Oracle 19c, MySQL 8.0, PostgreSQL 11.5, IBM DB2, SQLite, Apache Hadoop 3.2

professional experience

<i>july 2016</i>	Williams-Sonoma, Inc.	San Francisco, CA
<i>present</i>	Senior Principal Software Engineer	

Perform software engineering analysis and provide effective solutions. Provide technical guidance to support cross-functional teams. Identify technical risks and challenges and recommend corrective actions. Review final deliverables to ensure they meet expected quality standards. Oversee quality management system and prepare quality documentations. Monitor project progress and ensure timely deliveries. Rebuild Test Automation frameworks to support Front-end and Back-end (Web Services) from scratch.

Environment: CentOS, Oracle, Jira, Jenkins, Git/GitHub, IBM Sterling, AS/400

Testing Tools/API: Selenium WebDriver 3, TestNG, JAXB

Languages: Java, C++, JavaScript, XML

may 2015 | **Kohl's, Inc.** | Milpitas, CA

July 2016 | **Staff Quality Engineering Manager**

Managed associates and vendor teams to achieve quality standard. Managed the relationship with vendors to ensure delivery of QA services meets service level metrics and influences the development practices throughout the lifecycle. Provided input into capital and expense budgets; ensures vendors deliver QE services within the budget. Drove integration of various services through automation techniques to enable continuous feedback on quality of code. Escalated and provided recommendation on issues to Technology Leadership. Interacted with peer group to drive out process best practices and influences and implements change. Mentored and training new or lesser experienced team members.

Environment: CentOS, Oracle, Jira, Jenkins, Git/GitHub, SonarQube

Testing Tools/Frameworks: Selenium WebDriver 3, TestNG, JBehave

Languages: Java, JavaScript, XML

april 2011 | **eBay, Inc.** | Brisbane, CA

april 2015 | **Quality & Release Engineering Manager**

Developed and implemented testing objectives and methodologies in an Agile software development environment. Responsible for translating requirements into traceable test suites, automated test infrastructure to enable execution of unit, integration and regression test suites using Selenium WebDriver (Java/TestNG/JBehave and Ruby/Rspec/Cucumber) for API and Web-based UI. Developed the test approach documents, managing test plans, defect tracking and resolutions. Generated detailed reports on the test results, various test metrics and provide the status to the client stakeholders. Participated in planning and directing quality assurance schedules and assignments. Worked closely with development and infrastructure teams on problem isolation and resolution. Coordinated efforts between product development teams and offshore test teams.

Environment: Ubuntu, Oracle, Hadoop, Jira, Bamboo, Jenkins, Git, SonarQube

Testing Tools/Frameworks: Selenium WebDriver, Cucumber, Rspec, TestNG, JBehave

Languages: Java, Scala, C++, Ruby, JavaScript, XML, HTML 5

february 2003 | **AltaVista/Overture/Yahoo, Inc.** | Sunnyvale, CA

march 2011 | **Lead Quality Assurance Automation Engineer**

Responsible for Performance/Scalability/Functional testing, system bottleneck determination. Developed a test harness and reporting infrastructure for QA. Built out a Test Automation Framework using Selenium RC and HP Interactive tools. Managed testing schedules and resources for the projects, including on and offshore tester. Performed quality assurance activities to produce test strategies and test plans, analyzed general and detailed design documents and designed test cases, developed test scripts and test data, conducted testing and identifying discrepancies of applications. Participate in functional team meetings as the QA representative. Interacted with developers during all stages of projects, participated in code reviews. Generated detailed reports on the test results indicating the strong and weak points of the product and make recommendations for product improvements.

Environment: CentOS, VMware ESX, Oracle, AnthillPro

Testing Tools: Selenium RC, LoadRunner, Performance Center

Languages: Java, C++, Python, JavaScript, XML

march 2001 | **Inovant, LLC A Visa, Inc.** | Foster City, CA

february 2003 | **Lead Software Quality Assurance Engineer**

Executed all types of Performance tests and Benchmark, including Load testing, Scalability determination and capacity planning. Recommended design improvements to meet performance and availability objectives. Collaborated with QA and development to design and create complex automated load and performance test scenarios, perform the tests and analyze the results. Provided diagnostic feedback to

development engineering to ensure product quality and robustness. Analyzed requirements, develop detailed test strategy and test plans for software releases. Worked closely with engineers to ensure the product achieves desired level of quality.

Environment: Windows 2000 Server, .NET

Testing Tools: Silk Test, Silk Performer V, Rational Clear Quest

Languages: C#, VB, C++, JavaScript, ASP

march 1999	Gap, Inc.	San Bruno, CA
march 2001	Quality Assurance Manager	

Defined and implemented the software quality assurance processes of creating and implementing the test plans, internal development testing procedures, and defect management processes & tools. Responsible for Performance, Scalability, Y2K Compliance, Security and White box testing for e-commerce applications: Gap.com, BananaRepublic.com and OldNavy.com. Provided support and assistance to other Quality Assurance teams in Integration testing. Monitored test progress and provided detailed quality reports to engineering management. Ran change control board for all projects and ensured verified deficiencies were promptly resolved following new build acceptance. Provided essential assistance to Project Manager by recommending test assignments, representing team at meetings with development and customer support, devising standards and managing change control activities.

Environment: Windows XP/2000/NT, MS SQL

Testing Tools: WinRunner, LoadRunner, TestDirector

Languages: ASP, JavaScript, HTML

july 1997	IBM Corporation	San Jose, CA
march 1999	Quality Assurance Manager	

Responsible for stress/performance analysis, system bottleneck determination and end-to-end software verification/validation of web-based and Lotus Notes based CRM application: IBM Business Partner/World Partner. Developed automation scripts to evaluate the performance and automate regression test of web-based applications using SilkTest. Extensive use of Silk Performer to perform the scalability test of web-based applications. Participated in Y2K compliance process, assisted in the development of impact analysis and validation of the test results.

Environment: Windows NT, OS/2Warp, IBM AIX, Lotus Notes Domino Server, IBM 3970;

Testing Tools: SilkTest, SilkPerformer;

Languages: JCL, LotusScript, C++

october 1996	Intel, Inc.	Santa Clara, CA
july 1997	QA Project Lead	

Responsible for the design and implementation of MMX Benchmarks. Compared different hardware configurations of systems to identify the best performance of Pentium processor with MMX Technology enhancements. Conducted acceptance test and provided diagnostic feedback to third party vendors: HP, Compaq, Sony, Microsoft, Adobe and Caere to ensure compatibility, quality and robustness. Generated detailed reports of the test results indicating the strong and weak points of the products and made recommendations for product improvements.

Environment: Windows NT

Languages: MS Visual Basic, VB Script, HTML

july 1994	Compaq Computer Corporation	San Bruno, CA
october 1996	Quality Assurance Manager	

Constructed and implemented all Quality Assurance processes for developing and testing application and multiple software packages included in Compaq computer system involving third-party developers: Microsoft, Visioneer, Sony, AT&T, Voyetra, Cypress Research. Defined testing requirements and QA

resources allocation. Designed test plan, test cases, developed automation scripts using MS Visual Test to perform Regression and Build Acceptance tests. Assisted and trained engineering staff in running and maintaining automation scripts. Responsible for the verification of the product's reliability before official release. Developed new methodologies and processes to make QA more efficient. Provided resource assessment. Participated in establishment of SQA department, interviewing and hiring staff.

Environment: MS-DOS 6.22, Windows 95

Languages: Assembler, C/C++, Visual Basic

december 1990	AMD, Inc.	Santa Clara, CA
july 1994	Software Developer	

Implemented and maintained the chat and co-browse components of the AMD Authorized Distributors tool. Performed rapid analysis of technical product issues, code review, and packet analysis, comparing product spec to RFCs. Work closely with marketing and engineering leaders to drive the product's evolution. Interacted with customers and internal personnel to promptly diagnose and solve production issues. Reviewed new technologies and standards and their applicability to the product. Provided analysis of defects to isolate performance problems. Performed unit test of comprehensive database applications, reviewed and analyzed system's functional specifications and acceptance criteria.

Environment: Windows NT

Languages: C/C++

education

july 2014	Jenkins Certification Program	Los Altos, CA
	<i>Continuous Delivery with the CloudBees Jenkins platform</i>	
december 2013	Sonatype Training	San Jose, CA
	<i>Advanced Maven Techniques</i>	
may 2013	Oracle University	Redwood City, CA
	<i>Java performance tuning and optimization</i>	
april 2012	Oracle University	Redwood City, CA
	<i>Oracle Certified Professional, Java SE 7 Programmer (1Z0-804)</i>	
october 2008	HP Software Education Services	Palo Alto, CA
	<i>Quality Center, LoadRunner, QuickTest Pro, Performance Center</i>	
august 2005	Red Hat Linux Education Program	San Francisco, CA
	<i>Linux System Administration</i>	
september 2003	Mercury Interactive	Palo Alto, CA
	<i>LoadRunner, TestDirector, QuickTest Pro</i>	
november 1990	Manhattan School of Computer Technology	New York, NY
	<i>Programming in C/C++</i>	
july 1989	Latvia State University	Riga, Latvia
	<i>BS in Business Management (GPA: 3.5)</i>	