
GARY BASS, PMP®

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PROFESSIONAL SUMMARY

Seasoned software technology professional well-versed in program management, test strategy development, software quality assurance, build engineering, release management, automation, executive presentations, team enablement, networking, and data center design. Experienced in designing end-to-end testing solutions covering automated testing, software deployment, and production validation. Diverse company backgrounds include IBM, Ixia, Dell, Newgistics, Pitney Bowes, and TippingPoint. Active industry certifications encompass PMP®, Agile Scrum, Amazon Web Services, Microsoft Azure, Kubernetes, Cisco, and Snowflake. Accomplished Toastmaster.

SKILLSETS AND ACTIVE TECHNICAL CERTIFICATIONS

Project Management Professional (PMP®), Cisco Certified Network Professional Security (CCNP), Certified AWS Certified Solutions Architect – Professional, AWS Certified DevOps Engineer – Professional, Certified Kubernetes Security Specialist (CKS), Certified Kubernetes Application Developer (CKAD), Microsoft Certified Azure Security Engineer Associate, Microsoft Certified Azure Administrator Associate, Agile Certified ScrumMaster, Microsoft Certified Professional (MCP), Snowflake SnowPro Core Certified (COF-CO2)

technical project manager (15 years), test architect (10 years), software validation lead (10 years), release manager (10 years), lab technician team leader (10 years), data center designer (5 years)

Python, C#, C, Java, Selenium, Postman, Jenkins, TeamCity, Octopus, REST API, SQL, Microsoft Visual Studio, AWS, Kubernetes, Docker, Snowflake, DevOps, ScrumMaster, Agile, Kanban, Jira, Confluence, GitLab, CI/CD, SDLC, Windows, RedHat Linux, VMware, PowerShell, BASH, kube-shell, NGFW, IPS, JSON, YAML, XML, IPv4, IPv6, CIDR

EDUCATION

Masters of Science in Electrical Engineering, Purdue University
Bachelor of Science in Computer and Electrical Engineering, Purdue University

PROFESSIONAL EXPERIENCE

Pitney Bowes: *Software Development Engineer in Test* Austin, TX October 2019 – October 2024

- Drove all aspects of software releases into production from testing to packaging to deployment to verification
- Established best practices, defined scope, managed SDLC, negotiated schedules, and streamlined processes
- Automated test processes for validating customer provisioning reducing test time from hours to minutes
- Created Python Selenium application to validate shipping label induction simulating facility operator process
- Created Python Postman application utilizing API calls to generate and validate shipping labels on demand
- Maintained QA environment including database replication, software updates, and Windows debugging
- Led all QA engineers in consistently finding and resolving over 100 issues per year for seven years

Newgistics/Pitney Bowes: *Build Engineer & Release Manager* Austin, TX September 2014 - October 2019

- Owned all facets of biweekly software releases provided by Agile Scrum teams and support personnel
- Configured complete end-to-end test solutions encompassing SQL, BizTalk, Informatica, and Oracle
- Managed BitBucket and Github code repositories and owned all branching and merging responsibilities
- Utilized TeamCity, Octopus, Microsoft Visual Studio, SQL SMS, .NET, TFS, Fiddler, and PowerShell
- Analyzed, reproduced and resolved production issues with IT, support, and Development staff
- Led area with over 100 releases per year and a release deployment pass rate of 97%

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Ixia via Randstad Technologies: Network Software QA Engineer Austin, TX May 2014 – August 2014

- Validated Ixia NTO 7300 network appliance (7U chassis for 10GbE network monitoring, routing, and filtering)
- Executed and modified Tcl and Java automation scripts for testing network device
- Utilized development environment including TortoiseSVN, Eclipse, Maven, and Jenkins
- Generated test packet traffic with Ixia IxLoad and IxNetwork to vary IP/MAC address, VLAN, Ethertype, etc.
- Performed packet inspection using Wireshark to verify expected network device behavior
- Evaluated QA lab and created detailed lab reorganization proposal including tasks, schedule, and headcount

HP via Insight Global: Network Security QA Software Developer Austin, TX November 2013 – May 2014

- Validated the HP/TippingPoint NGFW (S3020F/S8005F/S8010F) for network security functionality
- Developed GUI automation using HP QuickTest Pro and VBScript to create, read, update, and delete fields
- Used tcpreplay and tcpdump in a Linux environment for packet generation and Wireshark to validate results
- Wrote Python and JavaScript scripts to create extended network traffic and summarize overnight test results
- Created test cases to evaluate GUI testing features and functionality of Selenium versus HP QuickTest Pro

Dell Inc.: Project Manager for Enterprise System Test Round Rock, TX November 2006 – May 2013

- Owned system test for enterprise-class semi-annual bundled releases of hardware and software
- Created and communicated status (both written and oral) to executive management for weekly meetings
- Architected complete customer-like datacenter including blade systems, software, networking, and storage
- Led team of seven lab technicians in deploying a customer-like data center and executing customer test cases
- Tested Windows and Linux servers utilizing SQL, MySQL, Apache, IIS, Exchange, iSCSI, and Fibre Channel
- Created employee performance reviews for managers and provided constructive feedback for growth
- Presented to customers in Dell's Executive Briefing Center on validation and "creating customer confidence"
- Scoped and tested PowerEdge-Cloud with Technical Support personnel (received corporate-level award)
- Designed and directed creation of Bangalore Enterprise System Test facility (received corporate-level award)
- Responsible for researching and purchasing \$1,000,000 annually in lab equipment
- Led Agile Scrum software automation team to develop Python-based solution to load OSES and install apps
- Hosted EST lab tours for customers, showcasing the lab, providing insights, and cultivating candid feedback

IBM-Austin: Functionality Test Owner & Tools Developer Austin, TX March 2003 – November 2006

- Owned system-level testing of SAS and SCSI hard drives on the RS/6000 platform
- Created and communicated status (both written and oral) to executive management for weekly meetings
- Verified Ethernet, SCSI, iSCSI and Fibre Channel devices on Unix (AIX) and Linux (Red Hat and Novell)
- Developed C language programs and Korn shell scripts utilized by the entire lab to test storage subsystems

IBM-Austin: System Test Owner for IBM p630 Workstation Austin, TX September 2000 – March 2003

- Owned all testing for the IBM p630 workstation engaging seven different cross-functional teams
- Created and communicated status (both written and oral) to executive management for weekly meetings
- Led team of lab technicians to verify functionality and resolve issues

IBM-Austin: Test Team Leader for System Compatibility Austin, TX May 1996 – September 2000

- Owned compatibility testing of three RS/6000 UNIX platforms (7025-F40, 7043P-140, 7043P-240)
- Created and communicated status (both written and oral) to executive management for weekly meetings
- Led three different teams of lab technicians implementing and testing system configurations

ACTIVITIES

Toastmasters International

- Achieved Advanced Toastmaster Gold status (highest Toastmaster proficiency level for public speaking)
- Gave 70 prepared speeches and actively participated in five Toastmaster group