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# GARY BASS, PMP®

512-913-1521 | Austin, TX | gary@garymichaelbass.com | linkedin.com/in/gary-bass

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## PROFESSIONAL SUMMARY

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Seasoned Software Development Engineer in Test well-versed in architecting frameworks, creating validation vision, developing strategies, influencing direction, implementing methodologies, establishing best practices, driving process improvements, owning test responsibilities, engaging stakeholders, presenting results, and evangelizing successes. Numerous active certifications encompass Agile, PMP, CCNP, CompTIA, AWS, Azure, GCP, and Kubernetes. Diverse company experiences span IBM, Ixia, Dell, Newgistics, Pitney Bowes, and TippingPoint. Accomplished Toastmaster.

## SKILLSETS AND ACTIVE TECHNICAL CERTIFICATIONS

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Cisco Certified Network Professional Security (CCNP), CompTIA Secure Infrastructure Specialist (CSIS), Project Management Professional (PMP®), Advanced Certified ScrumMaster (A-CSM), AWS Certified DevOps Engineer – Professional, AWS Certified Solutions Architect – Professional, Certified Kubernetes Security Specialist (CKS). Certified Kubernetes Application Developer (CKAD), Microsoft Certified: Azure Developer Associate, Google Cloud Certified Professional Cloud Developer

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, Java, C#, JavaScript, C, C++, BASH, SQL, React, .Net, HTML, CSS, Git, GitHub, SDLC, CI/CD, Wireshark, Selenium, JUnit, JMeter, NUnit, API, REST, Postman, Visual Studio, Visual Studio Code, Eclipse, IntelliJ, WebStorm, Docker, Kubernetes, TeamCity, Octopus, Agile, Kanban, Jira, Confluence, NGFW, IPS, JSON, XML, IPv4, IPv6, CIDR

## EDUCATION

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

## PROFESSIONAL EXPERIENCE

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- Pitney Bowes: *Software Development Engineer in Test*** Austin, TX      October 2019 – October 2024
- Owned all facets of new client provisioning test from validation to packaging to deployment to prod verification
  - Developed Selenium framework to simulate facility operator process and validate shipping label induction
  - Created Python Postman application utilizing API calls to generate and validate shipping labels on demand
  - Automated test processes for validating customer provisioning reducing test time from hours to minutes
  - 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 consecutive years
  - Established best practices, defined scope, managed SDLC, negotiated schedules, and streamlined processes
  - Utilized TeamCity, Octopus, Microsoft Visual Studio, SQL, SQL SMS, .NET, TFS, Fiddler, and PowerShell
- Newgistics/Pitney Bowes: *Build Engineer & Release Manager*** Austin, TX      September 2014 - October 2019
- Drove all aspects of biweekly parcel division software releases to upgrade production for nine facilities
  - Owned BitBucket and GitHub code repositories and managed all branching and merging responsibilities
  - Configured end-to-end test solutions encompassing applications, SQL, BizTalk, Informatica, and Oracle
  - Ensured on-time quality deployments of negotiated release components and led area with 97% pass rate
  - Collaborated with IT and Development in the analysis, reproduction and resolution of production issues
  - Utilized Agile Scrum methodology including sprints, stand-ups, demos, retrospectives, and backlog groomings

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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 tcpdump 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

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## 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 groups