TIM BROWN

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SKILLS & ABILITIES

Java, Python, C#, VBScript	Test Frameworks and Tools
Selenium, Unified Functional Test (UFT)	GitLab, Git, ClearCase
QA Methodologies, Agile Processes	Amazon Web Services (AWS), Azure Cloud
Azure DevOps, Jira	ALM (Quality Center), ClearQuest
Performance testing	Flight Software Systems, Aviation Standards
Red Hat Linux, Windows, Ubuntu	MS Office, Project, PowerPoint, Visio

EXPERIENCE

The Boeing Company - Seattle, WA - 2006 to Present

QA Engineer and DevOps Integration – 2016-Current

- Driving quality, along with security, into existing application processes through the combined use of test automation, CI/CD pipelines, and DevOps cultural principles.

- Devising test strategies and implementing Selenium test frameworks in order to consistently deliver first time quality.

QA Infrastructure and Cloud Test Engineer – 2013-2016

Project: **High Availability Infrastructure Testing**

- Integrated test manager on QA efforts that required developing test plans, organizing teams, working cross functionally, and executing testing across four development environments.

- Validated metric driven test reports with technical leads and presented high-level summary reports to senior management.

Project: **Global File Transfer Solution**

- Test lead for the construction of an AWS cloud environment to provide a distributed test framework for a global file transfer system that provides highly reliable and secure data transmissions around the world, which significantly improved international customer satisfaction.

Project: **Cloud Infrastructure and Application Deployment**

- Implemented quality assurance processes for the deployment of cloud-based solutions to meet enterprise requirements.

- Developed automated VM software deployments and testing across multiple cloud environments.

Project: **Citrix Solution for Performance and Mobile Application Delivery**

- Led the creation and successful execution of a test plan for deploying a Citrix infrastructure solution that significantly increased end user satisfaction by allowing pilots to view training applications on tablets and smart phones.

- Demonstrated the successful system integration through multiple rounds of customer demonstrations.

Software Automation Engineer – 2011-2014

 - Elicited the test scenarios necessary to develop automated test suites for application teams who had previously relied on manual regression testing, saving hundreds of hours yearly across multiple projects.

- Mentored testers who previously had little experience with automation to be able to run and maintain their own test automation frameworks.

Application Performance Engineer – 2011-2013

 - Lead test engineer that was responsible for improving customer experiences by developing and operating a network performance test framework built around Unified Function Test and Selenium UI automation tools.

- Provided test reports to application owners that detailed global performance metrics, then proactively worked with them to identify solutions before possible trouble areas became actual problems.

Software Test Engineer – 2006-2011

Project: **Distributed Multi-Company Aircraft Business Solution**

 - Worked with distributed teams across the US and Canada to perform integration testing that encompassed multiple platforms and systems.

- Defined an integrated test plan that included the development and execution of test cases, the filing and tracking of defects, and the reporting of test results to different levels of management.

Project: **Multi-client Real-time Electronic Logbook Solution**

 - Responsible for end-to-end testing from requirements through successful test execution, including the resolution of all high priority defects in ClearQuest.

- Ensured that all test documentation and procedures were traceable back through high-level requirements in order to achieve software AS9100 certification for deployment onboard 777 and 787 hardware.

 - Peer reviewed technical specification documents in order to define accurate and testable requirements.

 - Worked highly effectively across team boundaries to engage multiple stakeholders and worked closely with developers to ensure that solutions met requirements.

EDUCATION

M.S. Information Systems Management - Seattle Pacific University **-** 3.53 GPA

Master of Business Administration (MBA) - Seattle Pacific University **-** 3.76 GPA

B.S. Computer Science - Oregon State University **-** 3.59 GPA

Agile Software Testing & Automation - University of Washington

Certificate in Software Test & Quality Assurance - University of Washington

Certified SAFe 5 Agilist - Scaled Agile, Inc.

Certified ITIL Foundation IT Service Management - Axelos

Certificate in Cloud Application Development on AWS - University of Washington

AWS Certified Cloud Practitioner (CCP) - Amazon

Microsoft Certified Azure Fundamentals (AZ-900) - Microsoft

Certificate in Java Programming (*Est. June 2021*) - University of Washington