

# TIM BROWN

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## SKILLS & ABILITIES

Java, C#, Python, VBScript  
Selenium, Unified Functional Test  
Test Methodologies  
Azure DevOps, Jira  
Agile Processes  
Windows, Red Hat Linux, Ubuntu

Test Frameworks and Tools  
GitLab, Git, ClearCase  
ALM, Quality Center, ClearQuest  
Flight Software Systems  
Aviation Standards  
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 CI/CD pipelines, test automation, and DevOps cultural principles.
- Creating Selenium test frameworks in order to consistently deliver first time quality.

#### ***High Availability Infrastructure Test Engineer – 2013-2016***

##### ***Project: High Availability Infrastructure Testing***

- Led test efforts that included developing test plans, organizing teams, and executing detailed testing across multiple domains and four development environments.
- Presented detailed test reports with metrics to technical leads, along with high-level summary reports to senior management.

##### ***Project: Global File Transfer Solution***

- Lead tester for developing environments 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.
- Developed automated VM software deployments and testing across multiple environments.

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

- Led the successful creation and detailed execution of a test plan for deploying a Citrix infrastructure solution that significantly increased end user satisfaction by allowing them to view applications on tablets and smart phones.
- Demonstrated the successful system integration through multiple rounds of customer demonstrations.

### **Software Automation Engineer – 2011-2014**

- Led the eliciting and documentation of 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.

### **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 Java / Selenium test 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.
- Owner for creating a test strategy 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 obtain 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** - Amazon

**Microsoft Certified Azure Fundamentals** - Microsoft

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