

PAUL FELTEN

CREDENTIALS

- Author of the book *“Software Testing Software Testing Basics: Software Verification Fundamentals for Dedicated Testers in the Medical Device Industry”*
- 2017 SoftwareCPR® 62304 & Emerging Standards Impacting Medical Device Software & HealthIT
- 2016 ASPE Ranorex Basic & Advanced Course Instructor
- 2016 Ranorex Advanced Course
- 2015 ISTQB Certified Agile Tester
- 2015 ISTQB Certified Tester, Foundation Level
- 2015 SoftwareCPR Internal Training: Risk Management for Software Intensive User Interfaces
- 2014 Ranorex Certified Professional
- 2013 AAMI Quality System Regulation Training & Certification course
- 2013 AAMI Regulatory Requirements for Software Validation in the Medical Device Industry
- 2012 US Army Information Awareness Course (Cybersecurity in the workplace)
- 2011 US Army Pre-Deployment Team Leader Training
- 2011 US Army Battalion Team Leader Leadership Course
- 2010 US Army Non-Commissioned Officer Professional Development/Warrior Leader Course
- 2010 US Army Ranger School
- B.A. Clearwater Christian College, Clearwater, FL 2008

EXPERIENCE

- Onsite and remote software test planning, design, and development using manual and automated tools.
- Desktop, cross-browser, and mobile test automation using Ranorex (C#), Microsoft CodedUI (C#), and Selenium WebDriver/Appium (C#).
- Front-end and back-end web development using HTML, JavaScript, CSS, PHP, Bootstrap, AWS EC2, AWS S3, and AWS Route53.
- Creation of Selenium automation frameworks using Visual Studio, Selenium (C#), SpecFlow (BDD), Fluent Assertions, SQLClient, RestSharp, and test reporting with Extent Reports.
- Minimizing test automation execution time and automation framework complexity to aid technical growth of manual testers.
- Experienced in developing complex load/stress tests and developing custom performance testing frameworks using JMeter, Grafana, Zabbix, and InfluxDB.
- Complex SQL database queries and reports supporting test automation using MySQL and TSQ.
- Manual and automated API experience using Postman, Insomnia, and C#/RestSharp.
- Experienced in integrating test automation into CI/CD using Jenkins, TeamCity, and Azure Pipelines.
- Creation of custom tools to support QA in the SDLC, such as custom browser extensions, import/export test cases and API tests into different tools, slack integrations, etc.
- Experienced with cloud-based project management systems to support requirements management, test case management, defect tracking, and project management (e.g. Jira, Azure DevOps (Wiki/Test Plans/Boards/Dashboards, etc), TestRail, Git, TFS, Bitbucket, SourceTree, TestTrack, Zephyr, Unfuddle, Mercurial, SVN).
- Experienced in managing, mentoring, and growing QA teams including near-shore and off-shore team members.

EXPERIENCE, CONTINUED

- Experienced in managing, mentoring, and growing QA teams including near-shore and off-shore team members.
- Experienced with ERP software solutions, embedded robotic hardware systems, cloud virtualization medical device testing, software-based devices including hospital OR equipment, and software only cloud-based products.
- SoftwareCPR® Apprenticeship Program for medical device verification and validation training including formal test case, test approach, and test step writing.
- Experienced as a junior developer in embedded device software using the C language.