

Professional Resume

Daniel L Wells

Daniel@WellsD.com | Pensacola and NW Florida Area

Summary

Highly accomplished and tenured Test Automation Lead and Software Quality Assurance (SQA) Engineer with over 15 years of progressive experience, primarily focused on FinTech within the Title, Escrow, and Insurance industries. Proven leader in developing and deploying complex, cross-platform automation frameworks from the ground up, specializing in Java, C#, Selenium, Appium, and Python. Expertise includes technical team management, large-scale load/performance testing, custom framework development, and ensuring high-quality standards across mission-critical applications (e.g., quotes, wires, agent portals) for distributed, multi-location teams.

Core Technical Skills

- **Programming Languages:** Java, C#, Python, C/C++, JavaScript, PHP, Perl, T-SQL, HTML, XPath.
 - **Test Automation Frameworks:** Selenium (Java/C# APIs), Appium (Mobile), Windows UI Automation, Autolt, IBM RFT, Microsoft Coded UI, Xamarin UITest, Detox, Playwright.
 - **API/Service Testing:** Postman, Newman, SoapUI, API Contract and Functional Validation.
 - **Performance/Load Testing:** MSVS Load Test Feature Pack, Fiddler, High-Volume Testing, Scalability and Stability Analysis.
 - **CI/CD & Infrastructure:** Azure, VMWare, VirtualBox, Distributed Test Monitoring/Reporting Systems, Remote Test Labs Setup, SQL Data Management.
 - **Java Libraries:** Apache Commons, Apache Log4J, Apache PDFBox, Apache POI, jcifs-ng, Microsoft EWS Java API, Microsoft TFS SDK, Opencsv, autoitx4java.
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Professional Experience

Fidelity National Financial (FNF) | Jacksonville, FL (Telecommuting)

Test Automation Lead

January 2016 – Present

- **Automation Strategy and Leadership:** Lead and mentor a team of 10-15 SQA Engineers, setting technical direction, reviewing architecture, and ensuring alignment of automation goals across distributed teams (Jacksonville, LA, Chicago, Phoenix, Bangalore).
- **Framework Architecture (Mobile):** Developed and implemented the comprehensive mobile test automation framework for both Android and iPhone, primarily using Appium and Detox for efficient, modern cross-platform coverage.
- **API and Service Validation:** Managed and executed robust API and service level validation of backend microservices using modern tools, including Postman, Newman, and SoapUI.
- **Talent Acquisition and Coaching:** Conduct final-round technical interviews and manage the candidate selection process; provided coaching and code assistance to junior engineers.

SQA Engineer, Automation and Performance Testing

January 2010 – January 2016

- **Core Automation Development:** Built foundational, keyword-driven test automation frameworks for desktop and web applications using Java and C#, leveraging technologies including Selenium, Autolt, and Windows UI Automation.
- **Load and Performance Testing:** Executed critical load and performance testing to ensure stability and scalability of high-traffic web applications.
- **Distributed Systems and Reporting:** Engineered a distributed system for remote launching and real-time monitoring of automated tests; designed a custom web application for viewing and managing automation result reports.
- **Infrastructure Management:** Managed and configured automated test environments by setting up and maintaining virtual machines and test labs using Azure, VMWare, and VirtualBox.

University of West Florida | Pensacola, FL

Sr. Technical Support Specialist (Part-time)

October 2007 – June 2009

- Led a team of Technical Support Specialists, managing task assignments and providing advanced technical assistance.
- Provided comprehensive technical support and maintenance for faculty, staff, and student computers (Windows, MacOSX, Solaris), covering networking, hardware repair, software installation, and malware remediation.

Technical Support Specialist (Part-time)

December 2005 – October 2007

- Executed setup and maintenance duties for computer systems across the College of Arts and Sciences.

Santa Rosa County Tax Collector | Milton, FL

Web Designer (Part-time)

June 2005 – August 2005

- Developed a community website utilizing HTML, CSS, and JavaScript.

Pensacola State College | Pensacola, FL

Student Assistant (Part-time)

September 2003 – May 2005

- Responsible for the delivery and setup of audio visual equipment to classrooms and auditoriums; provided office support for the Distance Learning department.
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Education and Research

University of West Florida | Pensacola, FL

Master of Science in Computer Science (May 2009)

- **GPA:** 3.98
- **Certificates:** Medical Informatics, Database Systems
- **Honors:** Academic Scholarships
- **Research Publications:**
 - “Automated Image Processing of X-Radiographics of Digestion in Stingrays” (ICAI 2009)
 - “An Application for Automated Image Processing of Stingray Digestion X-Rays” (SEASTARS 2009)
- **Activities:** Association of Information Technology Professionals, Artificial Intelligence Research Group, Upsilon Pi Epsilon, Association for Computing Machinery

Bachelor of Science in Computer Science (May 2007)

- **GPA:** 3.61
- **Minor:** Mathematics | **Certificate:** Biostatistics
- **Honors:** Dean’s Honor Lists, Academic Scholarships
- **Activities:** Association of Information Technology Professionals

Pensacola State College | Pensacola, FL

Associate in Arts in Computer Science (May 2005)

- **GPA:** 3.81
- **Honors:** Magna Cum Laude, Scholastic Achievement Award, President’s/Dean’s Honor Lists, Academic Scholarships
- **Activities:** Alpha Beta Gamma, Phi Theta Kappa