**RUSSELL J. HOLMAN, JR.**

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I am a results-driven senior software QA engineer with 20+ years of experience in test automation, programming, and risk management for software applications. I have a proven track record of leading QA teams, developing comprehensive test plans, and executing testing processes to identify and resolve defects. I utilize Agile practices and coordinate with cross-functional teams to deliver high-quality software products. I am proficient at mentoring staff and implementing best practices to improve testing efficiency.

**Professional Experience**

[**Lynkwell**](https://lynkwell.com/) **| Schenectady, NY**

**Software Quality Engineer | January 2024 to present.**

* Define, document, and enforce software quality process for testing embedded software in electric vehicle (EV) charging systems.
* Oversee the construction and testing of EV chargers. Updated unit assembly documentation.
* Create and maintain a Quality checklist for the warehouse to follow during EV unit assembly.
* Defined test lab requirements.
* Automate tests to be run on each build of a firmware update.
* Report bugs and their associated risk. Weigh risk based on a combination of severity and likelihood.

**Rithum (Formerly Commerce Technologies, Inc.) | Latham, NY**

**Senior** Software **Engineer in Test | March 2015 to August 2023**

* Analyzed requirements, clarified specifications with stakeholders, and authored and executed detailed test plans to verify quality implementation.
* Using Scrum, I managed software development cycles easily by conducting standups, sprint planning, and retrospectives. This ensured that stakeholder expectations were met and that project deliveries were timely.
* Analyzed options and pricing for moving the automated regression echo system into Amazon Web Services.
* Managed 3,000+ automated regression test scripts.
* Customized Git repositories, scripts, and pipeline via GitLab-ci.yml to run Jenkins CI pipeline, thus streamlining automation pipelines for consistency and 3 hours of hands-off time savings per run.
* Spearheaded adoption of Microsoft Playwright with TypeScript to create a new automation suite with self-documented, DRY, and maintainable code. Configured suite to run on Amazon EC2 instances.
* Created technical requirements for five API endpoints and oversaw the construction of a new sandbox and automation tooling to create deterministic web Specs in JavaScript to reduce production incidents.
* Leveraged NightwatchJS, JavaScript, and NodeJS to create a deterministic regression framework and test suite for greenfield web applications.
* Owned setup, configuration, and triage of test environments for testing new application features.
* Coordinated production releases, triaged issues, and identified resolutions to maintain system health, data integrity, and customer satisfaction.

**Commerce Technologies, Inc. | Latham, NY**

**Quality Assurance Supervisor | November 2008 to March 2015**

* Built, coached, and supervised a team of 10 QA staff to maintain an effective department.
* Met project deadlines and budgets by allocating resources and delegating team assignments.
* Spearheaded risk analysis hotfixes or enhancements for release to determine suitable RTP.
* Created and presented detailed technical documentation and videos for Engineering, QA, and Business stakeholders to answer common questions.
* Prepare and approve Software releases.
* Update Partner Test Environments to facilitate Partner engagement of software updates before release.

**Additional Experience**

**Commerce Technologies, Inc. | Latham, NY**

**Quality Assurance Engineer**

* Delegated assignments and scheduled projects for release within budget and deadline.
* Technical point of contact for the QA Team. Shared knowledge of triage and problem-solving.
* Oversaw all aspects of project quality, from testing and debugging through post-release support to developing and maintaining effective software.
* Fulfill client expectations by collaborating with business partners to identify system requirements.
* Created and executed test plans to ensure high product quality and adherence to requirements and identify risks through consistent process compliance.

**Bank of America | Albany, NY**

**Senior Analyst Application Programmer**

* Designed, developed, released, maintained, and supported multiple business-critical applications to over 1,500 production sites to maintain smooth business operations.
* Led architect of standards, which contributed toward quality assurance and cost reduction while preparing cost analysis for design alternatives associated with expenses.
* Served as a subject matter expert and collaborated with a team of 8 to ensure timely delivery of assigned projects while working with other cross-functional teams and delivery leads.

**Core Competencies**

Software Quality Assurance, Software Development, Test Automation, Documentation, Test Planning, Agile Methods, Problem-Solving, Programming, Risk Management, Software Development Lifecycle

**Technical Skills**

Java, JavaScript, Selenium, TestNG, Cucumber, SQL, Linux, Windows, Shell\Batch Scripts, TypeScript, MS Playwright, NightwatchJS

**Education**

**Associate in Applied Science (AAS) in Computer Science**, Junior College of Albany

**Training**

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| **\* Quality Overview**, CommerceHub | **\* SPI Requirements Management**, CPSB |
| **\* Java 1.2: 1 Writing Java Programs**, ElementK | **\* Root Cause Analysis Leadership**, CommerceHub |
| **\* SPI Estimation**, CPSB | **\* Fearless Leadership Training**, CommerceHub |
| **\* SPI Peer Review**, CPSB | **\* SQL**, CommerceHub |
| **\* Load Runner Training**, CommerceHub | **\* SPI Software Subcontract Management**, CPSB |
| **\* PR Overview: Intro. To Peer Review**, CommerceHub | **\* Standard Software Process Overview**, CommerceHub |
| **\* SPI Software Project Tracking & Oversight**, CommerceHub | **\* AWS Essentials**, Udemy |
| **\* Six Sigma Change Process Overview**, Bank of America | **\* SPI Software Quality Assurance**, CPSB |