

John Farmer

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CAREER HIGHLIGHTS

Experienced software engineer with a strong background in regression testing and QA automation. Developed robust API and UI testing frameworks using tools like Selenium and JavaScript, improving testing efficiency by up to 50%. Adept at integrating QA processes into the development lifecycle and mentoring cross-functional teams to deliver mission-critical software.

EDUCATION

Strayer University | Atlanta, GA

Bachelor, Information Technology with a Concentration in Cyber Security

• **GPA:** 3.9

Jan 2013 - Dec 2019

Strayer

Strayer University | Atlanta, GA

Master's, Cybersecurity

• **GPA:** 4.0

• **Achievements:** ISC 2 CC certification, UNIX Certification, UFT Certification

Apr 2025 - Present

Strayer

PROFICIENCIES

Global Payments

Jun 2021 - Oct 2024

LEAD SOFTWARE ENGINEER IN TEST

Atlanta, GA

- Developed and executed regression testing strategies by creating an API automation framework, boosting testing efficiency by 50% and enabling early bug detection with Selenium.
- Designed a dedicated software solution to improve regression testing accuracy by 40%, leveraging JUnit for automated test scenarios, integration testing, and regression testing.
- Engineered a Selenium framework using BDD methodology with Cucumber and Java, increasing automated test execution productivity by 20%.
- Utilized Jenkins integration tools to streamline build and testing processes, resulting in a 30% increase in overall productivity.
- Ensured rigorous execution of delivered Use Cases to enhance user satisfaction through precise Jira implementations.
- Empowered the Software Development team with expertise in Java, Python, and JavaScript programming languages, coding practices, and Agile methodologies, leading to a 30% productivity boost.
- Researched, analyzed, documented, and translated automation processes, which reduced errors by 15% and saved 10 hours weekly.
- Championed SAST and DAST scans as the project Security Champion, achieving a 90% vulnerability identification rate while using Burp Suite.
- Guided Quality Assurance team members in testing methodologies, quality control processes, and industry standards to drive significant performance improvements and enriched skills.
- Identified cost-saving opportunities and enhanced compliance adherence by evaluating and documenting regulations, industry standards, and best practices using Excel.
- Safeguarded projects by enforcing PCI DSS security standards, resulting in a 15% decrease in security incidents.

TATA Consultancy Services

Feb 2020 - Jun 2021

SOFTWARE ENGINEER

Atlanta, GA

- Equipped multiple platforms with robust software engineering foundations by leveraging expertise in Data Structures, Object-Oriented Programming, and Algorithms, enhancing platform efficiency by 20%.
- Troubleshoot, programmed, and debugged code in Java, Python, and C++ to further boost system efficiency by 20%.

Turner Broadcasting

Jan 2019 - Jan 2020

QA TEST/SOFTWARE DEVELOPMENT ENGINEER Consultant

Atlanta, GA

- Enhanced UI applications by implementing functional testing, integration testing, & regression using Selenium, JIRA, & Appium resulting in a 20% efficiency boost
- Enhanced test coverage by 20% by spearheading manual testcase developments for TestRail & test suite creations, applying an Agile testing approach
- Transformed testing efficiency by 50% & slashed testing time by 30%, uncovering over 100 bugs by harnessing the robust features of the Webdriverlo framework, including Page Objects, Parallel testing, & Custom commands
- Implemented object-oriented test scripts in JavaScript, enhancing efficiency by 30% while leveraging Node.js, Mocha, Jest libraries
- Overhauled workflow efficiency by spearheading multiple code reviews & implementing automated test scripts in a GitHub repository using Selenium, resulting in a 40% surge in workflow efficiency & seamless Git version control integration
- Boosted testing efficiency by 25% by seamlessly integrating Nightwatch & Protractor npm modules with page object models, utilizing Selenium IDE for streamlined regression testing procedures & proactively identifying critical pre-release bugs
- Conducted defect & triage analysis of system issues using Jira, resulting in a 20% reduction in system downtime

Verizon Telematics

Jan 2013 - Jan 2018

LEAD QA Test Engineer

Atlanta, GA

- Automated testing of web-based applications created in Java using computer scripts, applying Agile methodology to improve testing efficiency
- Boosted efficiency by 20% & identified critical bugs through functional testing, integration testing, & regression on BRM application leveraging Selenium & JUnit
- Decreased deployment time by 30% & facilitated smoother transitions through the utilization of Jenkins, Git, & Docker for executing deployments, installations, migrations, & installment of builds to lower environments for BRM
- Achieved a 20% reduction in errors by harnessing the thorough fundamentals of BRM Opcodes & BRM logs & tracking to enhance processing efficiency
- Drove manual test execution for BRM billing & revenue recognition, resulting in 10% revenue increase & reduction of billing errors using BRM software & Billing systems
- Revitalized various automation frameworks, such as object-oriented, keyword-driven, and data-driven frameworks, using Selenium to improve efficiency, reduce errors, and enhance productivity for capital projects
- Improved efficiency and accuracy by implementing automation scripts in UFT, using object-oriented programming methodologies, and specializing in data-driven, keyword-driven, and hybrid automation script development, leading to more reliable testing processes

SIGNATURE STRENGTHS

- **Programming & Development:** Python, C#, Kotlin, JavaScript, TypeScript, Programming Skills
- **Testing & Automation:** Knowledge of multiple software testing methodologies and tools, Proficiency in testing unit and integration/regression environments, Selenium, Cypress, Playwright, Automation Tools
- **Tools & DevOps:** Agile Methodology, CI/CD, Docker, Jenkins, Kubernetes, Jira
- **Cloud, UI & Infrastructure:** AWS, GCP, Snowflake, Linux Kernel, React, Unreal Engine, HTML, CSS, Cassandra, Splunk, Web Services, OAuth
- **Professional Expertise & Domain:** Strong cross-functional communications skills, Superior time management to ensure deliverables., Analytical and critical thinking and a thoughtful and professional manner, Understanding of software implementation, Financial Services, Cybersecurity, GDPR, Payment Systems, ChatGPT, Microservices, Artificial Intelligence, Systems Engineering Principles