KIMBERLY (KIM) BELL

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SENIOR SOFTWARE DEVELOPMENT ENGINEER IN TEST (SDET)
Specializing in test automation

SKILLS

JavaScript, Typescript | Playwright, Cypress, React, Jest | Git, BrowserStack, JIRA, Confluence, Tricentis qTest | Accessibility, automated, manual, end to end (E2E), integration, and regression testing

PROFESSIONAL EXPERIENCE

CAREER SABBATICAL   **January 2024 - November 2025**
Leave of absence for medical condition. Fully recovered and available for full-time employment.

ALLY FINANCIAL, Charlotte, NC
Senior SDET - Remote   **January 2022 - December 2023**
Managed the priorities, coordination, and communication of work done on the global internal NPM package. Point of contact for troubleshooting, debugging, and performing root cause analysis for flaky and failing Cypress (an automation framework) tests for up to 10 teams. Fostered collaboration across teams to synchronize efforts and optimize workflows, promoting productivity and minimizing disruptions.

- Executed the transition from 100% manual testing to 90% automation and 10% manual within 2 years.
- Enhanced and maintained a critical part of our automation framework, an internal NPM package in Typescript, incorporating Cypress configurations, resulting in a streamlined operation across 10 teams and 1+ lines of business.
- Significantly decreased release cycle hardening time from hours to minutes by integrating UI automation tests into Gitlab CI/CD pipelines, ensuring rapid deployment with increased reliability.
- Strategically managed version migration initiatives to update packages and tools across a growing repository base, maintaining operational continuity as repositories increased from 11 to 35 in 1 year.
- Developed and deployed Bash shell scripts to automate 2 routine tasks and 10+ reusable Cypress custom commands, significantly boosting productivity in test script development by 75% and allowing team members to focus on higher-value project initiatives.
- Standardized and documented tools, configurations, and common UI testing patterns, across 10 teams and business lines, including mentoring and providing technical guidance, to ensure adherence to best practices and quality standards.
- Served as the primary point of contact for flaky and failing tests, performing root cause analysis across test code, application behavior, and environment dependencies.
- Reduced test flakiness by implementing improved guardrails and documenting resilient test pattern best practices.
- Acted as a liaison between product teams and external service owners to resolve upstream issues impacting test reliability.

Software Engineer   **December 2018 - December 2021**
- Developed requested features in Ember and React in 2+ ecosystems for releasing new features while migrating the codebase to React. Experience with sprint planning on an agile team.
- Spearheaded training initiatives on Cypress to shorten lead time of adoption of automation testing tools.
- Facilitated planning, management, and execution of migrating automated tests from Ember to React, streamlining and simplifying processes.

REASON CONSULTING CORPORATION (previously Tax Management Associates), Charlotte, NC
Software Engineer   **January 2018 - November 2018**
- Implemented the necessary training, code snippets, and knowledge of technologies utilized within the UI/UX department to increase efficiency from ideation to product.
- Translated project requirements to 2 user friendly applications utilizing React.

Junior Frontend Developer   **February 2016 - December 2017**
Apprentice Software Developer   **October 2015 - January 2016**

EDUCATION

Master of Arts (MA), International Human Rights, University of Denver, Denver, CO   2011
Bachelor of Arts (BA), Anthropology, North Carolina State University, Raleigh, NC   2008