

KIMBERLY (KIM) BELL

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SENIOR SOFTWARE DEVELOPMENT ENGINEER IN TEST (SDET)

Specializing in Cypress Test Automation

Versatile problem solver with expertise in supporting planning and execution to migrate from manual to automation testing. Identify and develop improvements to the automation framework, including CICD pipelines, NPM package, and internal documentation. Network with multiple teams to align on timelines, resolve issues, and work to decrease interruptions by improving communication and processes. Recognized for cross-functional collaboration and commitment to sharing knowledge and best practices to achieve business objectives.

Automated Testing | Global Package (Internal) Management | TestOps | Agile Development Gathering & Documenting Requirements, ADA Compliance | Software Development Life-Cycle (SDLC) | Web Development (User Experience) | Quality Assurance

Toolbox: Cypress.io, Testing-Library, JavaScript, Typescript, ReactJS, Webpack, Git, Vim, Yaml, VSCode, Bitbucket, Gitlab, Github, Tricentis qtest, BrowserStack, Jira, Confluence, Styled-Components, HTML5, CSS3

PROFESSIONAL EXPERIENCE

ALLY BANK, Charlotte, NC

2018 to 2023

Senior SDET - Remote

Jan 2022 to Dec 2023

Managed the priorities, coordination, and communication of work on the global internal NPM package. Subject Matter Expert (SME) for automation testing in the web space, focusing on Cypress. Point of contact for debugging flaky and failing tests for 6 out of 10 teams. Experience with software functionality testing, end to end testing, and accessibility testing for QA automation and manual testing.

- Enhanced and maintained a critical internal NPM package in Javascript and Typescript, incorporating Cypress configurations, resulting in a streamlined operation across 10 teams and multiple lines of business.
- Significantly decreased release cycle hardening time from hours to minutes by enabling automated test triggers manually or scheduling CI/CD pipelines, ensuring rapid deployment with enhanced 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.
- Created Bash shell scripts for automating routine tasks and Cypress custom commands in Javascript, significantly boosting productivity in test script development while optimizing code efficiency.
- Standardized and documented tools, configurations, and common UI testing patterns, across multiple teams and business lines, ensuring adherence to best practices and quality standards.
- Enhanced automated test script efficiency by restructuring existing tests to eliminate redundancy and reduce execution time, alongside actively participating in the development, review, and updating of test cases as part of scrum cycles and release readiness efforts.

Software Engineer

Dec 2018 to Dec 2021

- Developed requested features in Ember and React in multiple ecosystems for new features to be released while codebase was migrated 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.
- Supported planning, management, and execution of migrating automated tests from Ember to React, significantly streamlining and simplifying processes.

REASON CONSULTING CORPORATION (previously Tax Management Associates), Charlotte, NC

Software Engineer

Jan 2018 to Nov 2018

- Provide the UI department with the necessary training, code snippets, and knowledge of technologies utilized within the department to increase efficiency from idea to product.
- Translated project requirements to user friendly applications utilizing React.

Additional roles: Apprentice Developer and Junior Developer.

EDUCATION & CERTIFICATION

Master of Arts (MA), International Human Rights, University of Denver, Denver, CO

Bachelor of Arts (BA), Anthropology, North Carolina State University, Raleigh, NC