

KIMBERLY (KIM) BELL

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SENIOR SOFTWARE DEVELOPMENT ENGINEER IN TEST (SDET)

Specializing in Cypress Test Automation

Skills

Languages: JavaScript, Typescript, HTML5, CSS3, YAML

Frameworks & Libraries: Cypress.io, Testing Library, React.js, Jest, styled-components

Tools & Technologies: Git, JSON, BrowserStack, Webpack, JIRA, Confluence, Tricentis qTest

Additional Skills: Accessibility, automated, manual, end to end, and regression testing

WORK EXPERIENCE

ALLY BANK, Charlotte, NC

2018 — 2023

Senior SDET - Remote

Jan 2022 — Dec 2023

Managed the priorities, coordination, and communication of work done on the global internal NPM package. Point of contact for debugging flaky and failing Cypress tests for 6 out of 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 internal NPM package in Javascript and Typescript, incorporating Cypress configurations, resulting in a streamlined operation across 10 teams and 1+ lines of business
- Decreased release cycle hardening time from hours to minutes by enabling automated test triggers manually or scheduling 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
- Created Bash shell scripts for automating routine tasks and Cypress custom commands in Javascript, boosting productivity in test script development while optimizing code efficiency
- Standardized and documented tools, configurations, and common UI testing patterns, across 10 teams and business lines, ensuring adherence to best practices and quality standards
- Improved test script efficiency by restructuring tests to eliminate redundancy and reduce execution time
- Contributed to the development, review, and updating of test cases as part of scrum cycles and release readiness efforts

Software Engineer

Dec 2018 — Dec 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

Jan 2018 — Nov 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

Additional roles: Apprentice Developer and Junior Developer

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