

Erica Hagle • Software Engineer - Front End

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SUMMARY

I am a Front End Web Developer, proficient in React.js, JavaScript, HTML, CSS, and more. I am adept at learning new languages, frameworks, and processes. In addition to my **1500+** hrs of training in front end web development, I have **10+** years of experience working on software development teams in Test Automation and Quality Assurance roles. I am passionate about delivering delightful user experiences that are accessible to all audiences. I am also interested in and actively working to increase my knowledge and abilities in back end engineering.

SKILLS

Languages/Testing: JavaScript, TypeScript, CSS, HTML, JSON, Python, TDD, E2E, Mocha/Chai, Cypress, SQL

Tools/Workflow: React, React Router, Git, GitHub, GH Pages, Agile practices, Project management tools, Accessibility practices, Restful APIs, GraphQL, Postman, CircleCI, Codefresh, Docker, Webpack, NPM, Jira, Confluence, inVision, Figma, Zeplin, Miro

Currently Learning: Next.js, Node.js, Express.js

PROJECTS

Fantastical Foundlings, Solo Front End Web Development Project | 50 hours | [Repo](#)

Tech Stack: JavaScript, CSS, HTML, React, React Router, Cypress, Postman

Designed and developed a responsive React app to help Dungeons & Dragons characters find a new familiar, friend, or pet. The app utilizes the 5e D&D API to render details about creatures that are available for adoption.

- Investigated and implemented REST APIs, fonts, and colors to give the app a true D&D feel
- Actively investigating migration to Next.js to enhance performance, as well as adding additional data for a “Staff bios” page through a self-built server using Node.js/Express.js

Tavern Keeper, Team Full Stack Development Project | 40 hours | [Repo](#)

Tech Stack: React, React Router, JavaScript, CSS, HTML, Cypress, Postman, GraphQL, Apollo

Created a Dungeons & Dragons Encounter Builder, with the intended user being a Dungeon Master. Researched and utilized GraphQL to consume data from our team-built API.

- Collaborated on a team of 2 FE and 3 BE developers to create a full stack, responsive web application
- Implemented GraphQL API queries/mutations, following JSON contracts from back end teammates

PROFESSIONAL EXPERIENCE

Sameday Health, QA Automation Engineer, Venice, CA / Remote

November 2022—February 2023

- Built and implemented company’s first automation framework (Cypress)
- Acted as sole QA Engineer / Tester for the company

HOVER, Automation Engineer / Sr. QA Advocate, San Francisco, CA / Remote

March 2021—October 2022

- Built Cypress Integration tests with multiple complex assertions that ran in a full stack Docker environment, including a test to assert that after splitting 3D planes, a design could be saved with properly rendered 3D objects.
- Added baseline images, extra assertions, and diff thresholds for screenshot comparison validations to enhance Cypress Integration tests running on a 3D editor web app.
- Stabilized flaky tests by investigating and finding the correct balance between thresholds and wait times.
- Refactored code for Integration tests written in Cypress to be easier to read and DRY.
- Rewrote Playwright tests in Cypress to facilitate the transition from legacy tests, which reduced test times, maintenance overhead, and increased overall test efficiency.
- Upgraded Cypress tests from 9.4.1 to 9.7.0 to ensure bug fixes and updates prior to migrating to Cypress 10.
- Collaborated with Senior Automation Engineers to integrate Cypress and TestCafe with screenshot comparison libraries, and to run TestCafe on BrowserStack.

- Switched CI/CD Codefresh pipeline off legacy Capybara Integration tests to Cypress Integration tests.
- Fixed data failing to display on Cypress dashboard by modifying CI/CD Codefresh pipelines for multiple products to pass GitHub data.
- Collaborated with Senior Automation Engineers to troubleshoot and fix issues within tests and CI Pipelines.
- Performed code reviews and contributed regularly to README documentation for multiple repos.
- Performed regular audits of automated Integration and Feature tests for the Commerce team to ensure that proper coverage was being provided. Contributed to the team's Cypress Integration test suite.
- Led QA for a new B2B partnership with ABC Supply Co. into a co-brand app experience, integrating their systems with the company's, allowing users to access and pay for company measurement jobs through a shared ABC-owned wallet, and order from ABC directly through the company's web and mobile apps.
- Served as QA lead and point of contact for complex integrated systems between distributors and internal admin and product catalog systems for direct ordering through HOVER app.
- Tested multiple complex features for the estimation tool, allowing contractors to provide accurate estimates, and proposals to homeowners before ordering materials and completing jobs.

Whistle/Kinship, Sr. QA Analyst / QA Analyst, San Francisco, CA / Remote January 2019—December 2020

- Served as the primary QA analyst on seven major features to deliver new hardware additions, app/phone-level permissions, subscription cancellations, notifications, and new B2B partnerships, which entailed requirements reviews, estimations, test plans, execution, and reporting defects.
- Performed end-to-end/regression testing and delegated to QA team members for support in new feature delivery, as well as maintained and updated regression suites for existing features.
- Led QA for weekly server pushes, which included opening and reconciling PR, testing release appropriate delivered tickets, regression, approving and merging PR and mobile production releases, and released builds to beta users.
- Executed multiple software testings, including manipulating firmware and leveraging GPS and accelerometers in physical devices, and troubleshooting of Bluetooth, Cellular, and Wi-Fi setup.
- Identified root cause of bugs, creating and distributing tickets for dependencies to appropriate teams.
- Front-end QA on Whistle iOS and Android native apps, commerce website, and HTML emails; back-end QA for Whistle App, ensuring mobile used correct endpoints and APIs returned expected responses.
- Set up Postman collection and created the environment to use variables to store/reuse values in requests and scripts, making API testing more efficient.

AKQA, QA Analyst / Associate QA Analyst, Washington, DC June 2012—January 2019

- Collaborated with external clients, as well as in-house and offshore teams for Development, QA, Management, and Account.
- Contributed to estimating, planning, scheduling, and executing of software development projects in accordance with business requirements.
- Created and executed test plans and test cases: interpreting system functionality via specifications, creating and executing functional tests, and submitting and managing defects discovered during testing.
- Performed end-to-end QA for a variety of projects, including iOS and Android native apps, hybrid apps, Mobile Web, and fully responsive sites/apps for high-profile clients such as World Wildlife Fund, Delta Airlines, USPS, Audi, Bethesda Softworks, Ubisoft, and AARP.
- Adhered to Section 508 and WCAG 2.0 guidelines for testing with screen readers, contrast checkers, and other accessibility tools.

AKQA, Office Services Coordinator, Washington, DC February 2011—June 2012

- Provided operations support for a team of >100 employees

EDUCATION AND RELEVANT CERTIFICATIONS

Turing School of Software and Design, Denver, CO / Remote 2023—2024

- ACCEC-Accredited Frontend Software Engineering Certificate
- **1500+** hrs of programming experience over a **7-month**, intensive program

Hackbright Academy, Remote 2023

- Certificate of Completion, Software Engineering Prep, Python

Front End Web Development - HTML, CSS, JS, jQuery, General Assembly 2014

Coursework in Music Performance - Classic Voice, New York University 1998—2000