

QA Automation Engineer

Description

M-RETS is a 501(C)(4) non-profit that owns and manages a renewable electricity certificate and renewable thermal certificate tracking system. If renewable energy tracking sounds exciting, you may be a great fit for our team. As the QA Engineer at M-RETS you will have the opportunity to be part of some cutting-edge developments in decarbonizing our economy. The M-RETS platform is the leading renewable certificate tracking system and is used by Fortune 25 companies, utilities, and regulators. We have over a decade of rich industry data that increases each year. We want to continue to deliver a strong platform and keep ahead of changes in the energy industry via innovative and useful features to support our organizational goal of growing our sophistication as a data organization. With M-RETS you will work on projects that matter, and you will help our platform deliver more value and impact through infusing the market with enhanced data and information.

We are looking for a QA engineer to be a key member of our team. You would work to improve feature and data quality, decrease production issues, and improve the overall experience for those working within the M-RETS platform. As part of this, you would investigate, recommend, and own: old and new testing plans, tools, solutions, and integration suites to further improve quality. You'll also collaborate with the team to expand testing and plans that already exist, and help the team to fill in where we have gaps in our coverage. Our tech stack includes a Rails backend and React frontend and our six-person development team is a mix of local and remote team members from three different countries. You would report to our Software Engineering Manager and work closely with our Technical Program Manager and our Technical Program Coordinator.

We are looking for someone who is a culture fit and loves QA and the testing process. At M-RETS we have a unique culture, we want people to love where they work and what they do. Once we go back to our office--which will happen soon--we work in a great coworking space in downtown Minneapolis. We are open and value diversity and diversity of opinion, we love what we do and value the chance to make a difference.

Responsibilities

- Contribute to all parts of the testing, maintenance, and documentation process
- Own automated integration suite and testing tools and create test plans and workflows

- Collaborate with writing automated integration, spec, unit, and other test case development
- Improve and expand automated continuous integration testing
- Maintain existing test tools, plans, workflows
- Perform manual QA testing and thorough regression testing
- Evaluate correctness of data moving through workflows and automate data testing
- Identify, record, document thoroughly, and track bugs
- Triage production issues, impact, and priority
- Advise and lead the team on testing best practices and tools
- Work with team to refine current testing workflows and plans, and define new and improved testing plans
- Review test code, workflows, documentation, designs, work done by team members, and receive reviews

Requirements

- 3-5+ years Professional Experience
- Relevant education or training background, but not required if experience qualifies for the position
- Interested in learning new languages and test tools
- Very experienced with Selenium Selectors and adjacent tools
- Very experienced testing API's
- Very experienced writing integration and spec tests
- Experience working with CI/CD tools
- Experience with standard QA tools, testing suites
- Experience working with an agile development process
- Excellent problem solving, analytical, communication, and organizational skills
- Enthusiasm and strong desire to learn a lot quickly
- Detail oriented
- Able to communicate clearly and respectfully with team members
- Comfortable working with a small team of colleagues
- Support an interest in M-RETS mission

Nice to have

- Experience with Ruby RSpec and Capybara
- Experience with React Jest testing
- Experience with Cypress, Mocha, Jasmine, or other similar javascript testing frameworks or libraries
- Experience using Postman or Insomnia

Additional Information

Seniority

Mid-level

Industry

Software, Decarbonization and Renewable Energy, Renewables & Environment

Type

Nonprofit

Salary Range

65k-80k

Employment Type

Full-time

Location

Minneapolis, MN, Twin Cities Greater Metro Area - Minnesota and Wisconsin - Very Strongly Preferred

USA, Remote - Considered

Work Requirements

Must be legally able to work in the US, unfortunately we have no sponsorship opportunities at this time.

Keywords

QA Engineer, QA Developer, QA Analyst, Quality Assurance, Testing, Integration Testing, API Testing, QA Tester

Contact

hire@rets.org

EEO Language

EQUAL EMPLOYMENT OPPORTUNITY

M-RETS does not discriminate in employment on the basis of race, creed, color, religion, sex

(including pregnancy and gender identity/expression), national origin, marital status, familial status, status with regard to public assistance, disability, age, membership on a local human rights commission and sexual orientation or any other class protected by federal, state or local law. This policy applies to all aspects of the application process and employment relationship including but not limited to hiring, promotion, transfer, demotion, termination, discipline, benefits and other terms and conditions of employment.

Website Posting Language

If you are interested in applying for this position please email your resume and cover letter in PDF format to hire@mrts.org