

# Senior Software Engineer – Ruby on Rails

## 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 a Software Engineer at M-RETS you will have the opportunity to be part of building some cutting-edge tools 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 Software Engineer with a strong Ruby background who is ready to dive into our current Ruby on Rails API and web application, and who has a desire to work with React which powers our front-end web application. You would collaborate with our team to make improvements, build new features, and support the M-RETS platform. As a strong contributor to our Ruby API, you will be expected to take our requirements and build and enhance our underlying backbone that manages all our tracking data and build a world class API that is intuitive and easy for our customers to use. You'll also be mentored on React development as needed and expected to mentor our React developers on working on our back end to learn and share knowledge of other tools languages we use for our system, expand the team's skills, and eventually contribute to all layers of the M-RETS platform.

Our development teams are a mix of local and remote team members from mostly North and South America. You would work closely with all roles in the company.

For our team in Minneapolis, we have regular 9-5 working hours, and keep a hybrid workplace where team members can come in a couple times a week and collaborate. We have reserved offices in a great co-working space in downtown Minneapolis. We value diversity and diversity of opinion; we love what we do and value the chance to make a difference by working on mission driven software.

## Responsibilities

- Contribute to all parts of the development and maintenance process

- Collaborate with development team to produce robust, testable, and efficient code
- Participate in writing documentation, tickets, workflows and gathering requirements for future development
- Write unit tests for all code contributions
- Analyze requirements, follow best practices to build solutions in all parts of the tech stack with support of the team
- Contributes to all phases of product process and help define team's work by designing robust, scalable, secure features
- Refactor code and improves system efficiency
- Review code, documentation, designs, work done by team members, and receive reviews
- Work with all parts of the M-RETS platform
- Continue to grow as a developer, gain skills, and experience relevant to M-RETS technology and product roadmap
- Mentor engineering team members

## Requirements

- 7+ years Professional Experience
- 5+ years Professional Experience with Ruby on Rails
- Relevant education or training background, but not required if experience qualifies for the position
- Enthusiasm and strong desire to learn a lot quickly
- Strong background integrating with and writing API's
- Strong knowledge of REST API standards
- Strong understanding of MVC development
- Experience with Javascript
- Experience writing unit tests
- Experience with a SQL query language
- Experience working in with an Agile development process
- Able to communicate clearly and respectfully with team members
- Comfortable working with a small team of colleagues
- Support of and interest in M-RETS mission

## Nice to have

- Experience with React or similar modern Javascript framework
- Experience using Postman or Insomnia
- Experience implementing Automation Integration Test Suites
- Familiar with CI/CD, Github Actions, Heroku
- Passion for improving a growing application

# Additional Information

## Seniority

Senior

## Industry

Software, Decarbonization and Renewable Energy, Renewables & Environment

## Type

Nonprofit

## Salary Range

120k - 155k Depending on prior experience and skillset.

## Employment Type

Full-time

## Location

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

USA, Remote - Considered, Must be located in the USA/Territories and able to work on a Central time zone schedule.

## Work Requirements

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

## Keywords

Software Developer, Developer, Software Engineer, Full Stack Developer, Full Stack Engineer, Web Application Developer, Programmer, Web Developer, Back-end Developer

## Contact

[ithiring@mrets.org](mailto:ithiring@mrets.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 [ithiring@mrets.org](mailto:ithiring@mrets.org)