

Position Description

PROJECT WEB GIS DEVELOPER

Location

Montpelier, Vermont

Reporting Relationship

This person will report to the Geospatial and Data Solutions Service Line Leader

Position Summary

Stone Environmental, Inc. is seeking an experienced and motivated individual to fill a position as an ArcGIS Web GIS Software Developer, where they will be developing web-based GIS interfaces and software, middleware, and databases. Primary responsibilities will include building and supporting software that integrates “mapping” and “GIS analysis” tools into custom-built web applications, as well as building and supporting custom applications. The ideal candidate will bring enthusiasm and dedication to producing outstanding software products and services.

A core part of supporting the existing web GIS tools is working with Esri’s ArcGIS JavaScript API and the ArcGIS Maps SDK. To properly support the ArcGIS web applications, the candidate will need to have working knowledge of Arc Pro, ArcGIS Online and ArcGIS ReST services such that we can hand the individual a dataset and they will be able to use Arc Pro to prepare it for use, publish it to ArcGIS Online, and ingest the map or feature service into a web application. The individual hired will need to know JavaScript to work on legacy applications and should be comfortable starting new projects using TypeScript. The individual hired will be required to build new custom applications, as part of a team, that make use of a React-based JavaScript Framework. While we are looking for someone skilled primarily as a front-end developer, the ideal candidate will also have some experience as a middleware and back-end developer. The individual hired will need to support existing middleware built with NodeJS and should be able to work with SQL code to perform standard RDBMS queries and explorations in a PostgreSQL database.

The individual hired will be part of the development team and thus will be expected to follow development guidelines, participate in code reviews, and contribute to the improvement of the company’s development workflows and strategies. The candidate must be able to clearly communicate about technical complexity to members of the team and clients who are not familiar with all parts of the technology.

We are seeking someone who can also perform junior-level project management tasks and has some experience working with clients as a project manager, including tasks such as setting meeting agendas, defining and managing budgets, understanding client needs, defining work scope details, and representing the company in a professional manner as the main client touchpoint.

Required Skills and Qualifications

- Suggesting and designing Full Stack Application Architecture
- Software Engineering
- ArcGIS Online use
- Arc Pro for data prep and publishing
- ArcGIS JavaScript API
- ArcGIS Maps SDK
- JavaScript
- TypeScript
- React Framework
- NodeJS
- Git
- GitHub
- PostgreSQL use
- Documentation
- Windows OS use

Beneficial Skills and Qualifications

- Project management experience
- GDAL
- Web Application Builder SDK
- Experience Builder SDK
- Next.JS Framework
- Unit Testing
- JIRA familiarity
- Docker familiarity
- Linux familiarity
- Microservice Architecture
- Kubernetes
- MapBoxGL
- PostGIS

Experience and Education

- 3-5 years of work experience in software engineering and development
- A minimum of 3 years of formal education relating to either software development or GIS

Working Conditions

- Office/computer-based with no essential physical requirements.
- Based primarily in our Montpelier office, with flexibility for part-time remote work. Full-time remote options may be considered. Work hours are flexible, but typically occur during 'normal' weekday business hours.
- Members of our team often attend conferences and meetings requiring some travel; willingness to participate is desired but not required.

How to Apply

Please visit our careers page on our company website at www.stone-env.com to apply online.

Ms. Joanne Perry
Stone Environmental, Inc.
535 Stone Cutters Way
Montpelier, VT 05602 USA
Fax / 802.229.5417
Email / careers@stone-env.com



Stone is 100% employee-owned environmental science, engineering, and consulting firm located in Montpelier, Vermont, with remote offices in Missouri, Austria, and Germany. Founded in 1992, our mission is to provide tools, information, and analyses to help our clients solve environmental challenges with integrity, expertise, and innovation. We bring together over 50 scientists, engineers, and foundation staff with diverse backgrounds and skills—and a shared commitment to excellence, creativity, and accountability through employee ownership.

Since 2016, Stone’s employee-owners have taken a direct stake in the value and health of the company through an Employee Stock Ownership Plan (ESOP). This unique ownership and management model is a powerful motivator that inspires close cross-department collaboration and company-wide unity. Stone has an excellent compensation package, including competitive pay; health, dental, and vision insurance; 401K with company match; ESOP benefit; paid time off; and flexible holidays.

But what really sets us apart—and makes employee-owners want to stay at Stone—is our culture, the interesting and meaningful work we do, and the inspiring, dedicated people we work with. Stone has a progressive culture—from open communication, transparent leadership, and the freedom to explore one’s passions—to its commitment to giving back to the community and a firm “work hard, play hard” mentality. Simply put, it is one of the best places to work and why were voted a top place to work in Vermont for the last four years.



Stone is proud to be an equal opportunity and affirmative action employer. We are committed to diversity and inclusion throughout all aspects of employment. The decision to hire, promote, discipline or discharge is based on merit, competence, performance, and business needs. We do not discriminate on the basis of race, color, religion, marital status, age, national origin, ancestry, physical or mental disability, medical condition, pregnancy, genetic information, gender, sexual orientation, gender identity or expression, veteran status, or any other status that is a protected category under federal, state, or Vermont law. Our employee-owners have taken an active role in ensuring our team is diverse in its composition, equitable in its practices, and promotes an inclusive culture.