

Sr Software Engineer Position Description

At WCI, Inc., you can become part of a collaborative and dynamic team supporting the largest carbon market in North America and one of the largest in the world. Emissions trading is an approach to tackle climate change as it incentivizes innovative technology and economic growth while improving quality of life and promoting investments in clean, affordable energy. Through major technology investments, we enable the Participating Jurisdictions to build, use and maintain secure, reliable, and flexible IT systems.

WCI, Inc. is seeking a Sr Software Engineer to provide leadership on coding practices and standards, code reviews, enterprise application development, as well as frontend and backend technologies and software architecture.

Job Responsibilities

- Perform code reviews of platforms/systems.
- Collaborate with other software engineers to improve platforms/systems.
- Collaborate with platform development vendors to provide guidance on coding standards, suggest code optimization/refactoring improvements, and help resolve technical issues.
- Own and maintain the codebase developed for WCI, Inc. platforms/systems.
- Assist in code quality assurance, release, and deployment processes.
- Assist in ongoing data migration plans to move existing datasets to the cloud.
- Work with WCI, Inc. architecture team to produce extensive documentation and knowledge base on platforms/systems.
- Identify opportunities and recommend approaches to improve the platforms/systems under development.
- Assist in operations of public websites or applications maintained by WCI, Inc.
- Assist IT administrators with tasks related to internal applications (SharePoint, Office 365, Jira, Confluence).

Minimum Qualifications

- Bachelor's degree in computer science, computer engineering, or a related field.
- 8-10 years of experience in application development, SaaS, or Web development.
- 8 years of experience working with JavaScript for Full Stack application development.
- 4 years of experience building UI components with REACT.
- 4 years of experience using Node.JS for application development in an enterprise setting.

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- Experience working with AWS services such as S3, EC2, SQS, SNS, Lambda, Elastic Beanstalk, CloudFront, and Route 53.
- In-depth experience in developing REST APIs, and AWS API Integration.
- In-depth experience with traditional & newer database technologies (Relational, NoSQL).
- Proficiency in two programming languages (Python, PHP, DotNet, Java).
- Overall expertise with frontend web technologies such as HTML/CSS/JavaScript/jquery.
- Experience with web services architecture and patterns, APIs, Messaging, etc.
- Thorough understanding of Agile/SCRUM, DevSecOps, TDD, CI/CD, and delivery automation.
- Excellent organizational and time-management skills.
- Excellent written/verbal communication skills.
- Proficiency with office software, including MS Word, Excel, PowerPoint, Outlook, MS Project, Visio, and SharePoint, as well as Jira and Confluence.

Desired Qualifications

- AWS certification.
- Experience working with serverless architecture and microservices in AWS.
- Experience with secure coding practices and performing code reviews.

Travel

At the direction of the Chief Technology Officer, the Sr Software Engineer may need to travel for specific and well-defined business purposes.

About This Position

This is a full-time salary position that may be located in Sacramento, California (headquarter) or remote from California or the US.

WCI, Inc. offers competitive salaries and benefits commensurate with qualifications and professional experience and is committed to equal employment opportunities. For more information, visit our [Website](#) and [Careers Page](#).

To Apply

Interested applicants should submit a cover letter, including a summary of qualifications, and a resume in PDF format [here](#).