

MICHIGAN SENATE

SENATE BUSINESS OFFICE

POSITION POSTING

SENATE APPLICATION SERVICES – SENIOR FRONT-END APPLICATION DEVELOPER

SUMMARY

Under the direction of the Director of the Senate Business Office and supervised by the Application Development Manager, the Senior Front-End Application Developer is responsible for directing and participating in the design, programming, and maintenance of information solutions for use by the Senate and provides technical leadership to a team or teams of developers. The Senior Front-End Application Developer is also responsible for the technical guidance, support and integration of legislative applications and deployment, retention and integration systems and infrastructure.

ESSENTIAL JOB FUNCTIONS

- Performs systems design analysis consisting of problem or needs assessment, logic, and data flow analysis (diagramming as required), business process re-engineering (as required), requirements refinement and planning, and writing technical specifications for code development for internal Senate applications; may represent the Senate in the design, specification, development, and testing of inter-legislative applications
- Produces source code development and integration of commercially available software for legislative document workflow and publishing applications
- Tests, debugs, and corrects application code to meet the system requirements defined during refinement and planning
- Determines root cause for the most complex software issues and develops practical, efficient, and permanent technical solutions
- Determines, initiates, develops, and guides process improvements and best practices through Agile philosophy and the Scrum framework
- Identifies, prioritizes, and executes tasks before and during a sprint cycle
- Mentors developers to allow for skill and knowledge development through advice, coaching, and training opportunities
- Participates and contributes as a member of a Scrum team; continually learns and grows in good Scrum practice under the guidance of the Scrum Master through the process of inspection and adaptation

SECONDARY DUTIES AND RESPONSIBILITIES

- Participates in the evaluation, testing, and recommendation of new software packages and computer hardware
- Understands data communications principles and protocols to develop and support communication scripts and programs
- Assists in the implementation and training of Senate developed applications as required
- Writes documentation as it relates to the design of an application and the technical specifications of the code developed when necessary

- Monitors the efficiency and usefulness of current systems and applications and suggests improvements
- Performs all other duties, as requested by the Application Development Manager

EDUCATION /EXPERIENCE

- Bachelor's degree in Computer Science, Computer Engineering or a related field, or an equivalent level of vocational training, or professional experience required
- Six years or more of experience utilizing programming skills in Microsoft .NET, web applications, Microsoft Office 365, and operating system development efforts focused on a 64-Bit environment based on current Windows client software required
- Development experience with third-party APIs preferred
- Other combinations of education and experience will be evaluated on an individual basis

SKILLS AND KNOWLEDGE REQUIRED

- Broad experience designing, programming, and implementing large information systems
- Extensive experience in software development and scripting
- Expertise in JavaScript and C#
- Knowledge and experience in HTML, CSS and at least one JavaScript framework
- Knowledge and experience in wireframing/prototyping and associated tools
- Knowledge and experience with product usability tracking and analytics
- Experience working with a seasoned Scrum team
- Experience mentoring junior or mid-level developers
- Ability to understand good coding security practices
- Ability to implement responsive design
- Ability to implement ADA compliance
- Ability to write code using SOLID principles, but know when it may not be necessary to do so
- Ability to develop applications to comply with system standards and user interface (UI) design specifications for web applications
- Ability to develop web-based applications with the use of HTML, JavaScript, and other web-based programming languages
- Ability to recognize, gather, assemble, correlate, and analyze facts and use them to draw conclusions, define problems, and devise solutions or suggest alternatives
- Ability to communicate with others, both orally and in writing
- Ability to prioritize multiple tasks in a fast-paced environment, and work within time frames that may be rigid, or subject to change on short notice
- Ability to follow directions, work independently, and work as part of a group
- Ability to keep abreast of the latest trends and their effect on the team, product, users and the organization
- Ability to work outside of prescribed work hours when necessary
- Ability to maintain confidential information
- Ability to work in a professional and nonpartisan manner while maintaining good working relationships with legislators and other elected officials, staff, vendors and other agencies

This job description is not intended as a comprehensive list of all of the duties required of this position. Additional duties may be assigned from time to time, and the listed duties are subject to change at any time, with or without notice.

STATUS: Salaried, with standard benefits package

SALARY: \$90,000 - \$110,000, based on experience

GOVERNING CAUCUS: Nonpartisan

This is a non-civil service, at-will position.

Interested applicants, please submit a cover letter and resume to:

PO Box 30036

Lansing, MI 48909

Email: resume@senate.michigan.gov

The Michigan Senate considers applicants for all positions without regard to race, color, religion, creed, gender, national origin, age, height, weight, disability, marital status, or any other legally protected status. If you are a person with a qualified disability, you may request any needed reasonable accommodation to participate in the application, testing, and/or interview process by contacting the Senate ADA Coordinator at 517-373-1675.