



**Tennessee Department of Transportation
Information Technology Office**

Position Opening for Lead Software Developer

Salary range for this position is \$76,152 to \$121,8478 annually based on qualifications and experience.

Job Description

We are looking to grow our team by adding an experienced and motivated senior-level developer who is excited to design and develop web-based applications in a collaborative, remote environment.

Minimum Job Requirements

The TDOT Information Technology Department operates in an agile environment that seeks to change the face of state government by challenging the way software is delivered within government. We develop applications to support both our internal stakeholders and the people of Tennessee. The Product Development Team is made up of front-end and back-end developers of all skill levels, UI/UX designers, QA analysts, and scrum masters. Our team works closely with other members of the IT Department -including product owners, software and database architects, and support analysts- to build and maintain applications. We value quality and continuous learning and encourage our team members to continue their personal and professional growth through online courses and videos and in-person training, conferences, and workshops.

Our ideal Lead Software Developer is passionate about building software applications, modeling the tenets of scrum, and creating a culture of inclusion and personal and professional growth. He/she will act as a technical and cultural leader, which includes (but is not limited to) mentoring team members in software development, partnering with management to develop individual performance plans designed to grow technical skills, and working with TDOT IT to set strategic development and growth plans for the Product Development Team. He/she understands the importance of following organization-defined standards but finds energy in exploring and recommending new technologies, when appropriate. He/she is experienced in practicing scrum in an agile environment and is comfortable working closely on a small team of people in a remote environment that encourages collaboration and conversation. Our ideal Lead Software Developer respects diversity of thought, appreciates the power of humor, and prizes honesty.

Required Technical Skills

A familiarity with these ideas or technologies is a must.

- A broad understanding of the C# programming language and the .NET framework
- Experience with .NET 4.5+ or .NET Core 2+
- Experience with ASP.NET MVC 5 or ASP.NET Core 2.1+
- Experience using a version control system
- Experience with HTML, JavaScript, and CSS
- An understanding of building single-page applications
- Experience with Unit Testing
- Experience working with relational databases
- An understanding of IoC
- General comfort with value-driven software development and incremental release concepts

Additional Skills Desired:

In addition to the above requirements, experience with the following technologies is a plus.

- MVC Design Patterns
- ASP.NET, ASP.NET Core, or other server-side API framework
- Team Foundation Services or GitHub
- Angular or other client-side JavaScript frameworks
- Angular Material, Bootstrap or other CSS frameworks
- Unit Testing (front-end with Jasmine/Karma, back-end with MSTest, xUnit, or comparable)
- Version Control
- Experience building applications using mapping technologies like Google Maps or ESRI would be beneficial

Interview Process

The interview process usually takes about two (2) hours and consists of two parts: a behavioral-based interview (one hour) and a technical assessment (one hour). Please ensure that you allow yourself a minimum of two hours to complete the interview process.