



**Tennessee Department of Transportation  
Information Technology Office**

**Position Opening for Advanced Software Developer**

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

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.

**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 above
- Experience with ASP.NET MVC 5 or ASP.NET Core
- 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 SQL databases
- 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
- Team Foundation Services

- AngularJS, Angular v4+, or other client-side JavaScript frameworks
- TypeScript
- 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

**Interview Process**

The interview process usually takes about three (3) hours and consists of two parts: a behavioral-based interview (one hour) and a technical assessment (two hours). Please ensure that you allow yourself a minimum of three hours to complete the interview process.