**Web Services Developer - Contractor**

**Position Description:**

The Web services developer under the Enterprise Section reports to the Michigan Department of Technology, Management, and Budget (DTMB) Agency Services supporting the Michigan Department of Transportation (MDOT). This position will work with Enterprise Solutions Architect and Enterprise Data Architects. The focus in this role is on building robust, efficient, and secure APIs, leveraging the Spring Framework to create scalable and maintainable solutions. This position will design/develop/maintain APIs using Spring framework.

**Experience Required:**

* Minimum of 10 years of experience in Java
* Minimum of 5 years of experience in Spring Framework
* Minimum of 5 Years of experience in developing and consuming Rest APIs
* Minimum of 3 Years of experience in Oracle/SQL
* Minimum of 2 Years of experience in React

**Skillsets Required:**

* Expert level experience with Spring Boot, Spring MVC, Spring Data, JPA, Hibernate, Swagger (Open API), Spring Security, JWT and React
* Write complex queries and interact with relational databases for CRUD operations
* Strong knowledge of REST and/SOAP web services
* Experience in OAUTH or OpenID or SAML authentication integration technologies
* Experience in developing in Kubernetes platforms preferably OpenShift
* Experience in developing secure microservices
* Experience with version control systems
* Solid knowledge of security standards, particularly with Spring Security
* Knowledge of JBOSS EAP platform
* Knowledge of Cloud Platforms preferably AWS / Azure
* Experience participating as a programmer within an Agile development environment
* Strong analytical and problem-solving skills, with attention to detail
* Excellent communication skills to collaborate at all levels of the organization

**Position Summary:**

The web services developer will be the key resource in integrating MDOT applications for various Enterprise needs. The duty of this position involves understanding the needs of the applications and develop/implement web services utilizing Spring framework. In addition, document APIs using tools like Swagger or Open API. Work closely with Solution Architect, Data Architect, Technical leads, and other stakeholders to define and deliver features. This position will also support integration needs of COTS applications and interfacing with cloud.