

Job Title: Software Developer

Location: Richardson, Texas

DUTIES: Design and program web application modules by employing C#, ASP.Net and SQL Server 2008 and 2012 technologies and utilizing efficient algorithms and data structures. Develop new modules in the application using MVP design patterns. Develop web application modules using MVC/MVP pattern. Develop unit test applications and websites on different web browsers to ensure a standard user experience for the clients across all platforms. Design and develop iOS and Android applications by deploying Xamarin framework and MVVM pattern. Develop Rest API interface using MVC pattern which are consumed by the applications through web API URL. Design back-end database structures for the enterprise level SaaS applications and generate complex stored procedures for the software's maintenance purposes. Develop views, triggers, functions, and other database objects by implementing complex business functionalities. Design back-end database structures for the web applications and other database objects including constraints, functions, triggers and complex stored procedures. Monitor performance tuning of Azure SQL to improve complex queries ensuring they run faster on Azure SQL environment. Design and develop custom reports and integration packages by utilizing Microsoft Business Intelligence tools such as SSIS and SSRS. Run data analytics on multiple databases, and create and run complex ad-hoc queries. Utilize Enterprise Application Integration and Web Application troubleshooting and performance optimization on production systems. Work with version control software such as TFS and Microsoft tools including Visual Studio 2008 and 2012, Visual Studio 2014, SQL Server Management Studio, SSDT and SQL Server Profiler. Customize and enhance web user interface of the software by exploiting front-end technologies including JavaScript, JQuery and AJAX as well as Knockout.JS, Node.js and Bootstrap. Develop data access layer to interface .Net code with database, and employ ADO.Net and ORM frameworks including Entity Framework and database connectivity mechanisms. Develop and troubleshoot interfaces for Single-Sign On (SSO) using SAML 2.0 and OpenID Connect for multiple identity providers. Develop and troubleshoot integration points including Box.com, dropbox.com and AutoDesk forge technologies. Work in all stages of software development life cycle, including but not limited to development and unit testing, problem analysis, solution proposition, development and unit testing using efficient data structures.

REQUIREMENTS: Bachelors or foreign equivalent degree in Computer Science or a related field and 2 years of experience designing and programming application modules using C#, ASP.Net and SQL Server. 2 years of experience working with version control software including Visual Studio. 2 years of experience developing web application modules using MVC/MVP pattern. 2 years of experience designing back-end database structures for the web applications and database objects including constraints, functions, triggers and complex stored procedures. 2 years of experience using Microsoft tools including Visual Studio 2008, SQL Server Management Studio, SSDT and SQL Server Profiler. 2 years of experience with front-end technologies including JavaScript, JQuery and AJAX, as well as ADO.Net, ORM frameworks and database connectivity mechanisms. 2 years of experience in all stages of software development life cycle including problem analysis, solution proposition, development and unit testing using efficient data structures.

Must Reference: DURR1-W