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Senior ASP.NET Engineer

### **Company Description**

e2020 is a leading provider of core and elective instruction in both virtual and blended learning environments for students in grades 6–12. One of the first to support the innovative learning models that facilitate individualized learning for students, e2020 has become one of the largest providers of content in support of online, hybrid, and blended learning models, which allow teachers to facilitate learning for all students. The company is on an accelerated growth path and is looking for skilled, enthusiastic, self-motivated individuals to build key competencies across the organization.

### **Job Description**

We require a Senior .Net Engineer for a key role in the on-going design and development of e2020's core online learning system. Built on a Microsoft technology stack, the system is a large scale application with core modules covering areas such as student management, curriculum and assessment delivery, educational content, grade books, online collaboration/messaging and data/reporting.

This is a key development role requiring very strong technical and communications skills. The Senior .Net Engineer is expected to be specialized in ASP.NET development while collaborating closely with a variety of other disciplines.

### **Responsibilities**

Participate in all phases of development from definition and design through implementation, debugging, testing, and deployment ensuring all work is to the highest standards

Collaborate with technology team and take ownership for component design, development and maintenance

Design and develop for a large, public facing ASP.Net website

Carry out R&D and define best practice for website implementation

Provide web services to JavaScript running in browser

Design and develop for high performance, heavy traffic, and high availability

Ensure the web site is fast, scalable and secure

Responsible for implementation governance through training, mentoring and code reviews

Assist in defining structured practices especially in source code management, build and release management

Keep up to date with new developments in the area of user-centered design and implementation

### **Requirements**

Ideal candidate will have at least 5 years of .Net development experience, have used ASP.Net in previous projects, and experience in one or more object-oriented programming language such as C#, Visual Basic .Net, Java, or C++.

Experience with ASP.NET MVC is a plus

Knowledge in building web pages or applications (HTML, HTML5, JavaScript, CSS and XML)

Strong experience using SQL Server

Extensive experience developing public-facing websites or complex web applications

Good knowledge of Restful web services, AJAX and JavaScript

Excellent knowledge of OOD and design patterns, work comfortably with abstraction

Ability to learn new technologies and introduce new ideas to the team

Previous agile/test driven development experience is desirable

Knowledge of WCF is desirable, but not essential.

Knowledge of SSO technology such as WIF, SAML, and WS-Federation is desirable but not essential

Practical knowledge of Source Control Management, specifically branching, tagging and merging of different code streams

Experience of interfacing with project management

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Excellent communication skills, the drive to succeed and work independently and on a team, with the ability to multitask and deliver quality results  
M.Sc. in Computer Science or B.S. and equivalent experience

Equal Opportunity Employer, M/F/V/D, and a member of E-Verify