
Senior ASP.NET Tools 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 Tools Engineer for a key role in the on-going design and development of tools to support 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 Tools 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 sophisticated tools that will interface with a large-scale, customer-facing application

Carry out R&D and define best practice for tools implementation, some of which may be incorporated in the administration portal of the core platform

Provide guidance and leadership on tools development needs such as appropriate web services that need to be built to support tool interfaces

Design and develop tools that provide easy to use, self-service interfaces to other teams across the business

Ensure the tools are efficient, secure, and scalable

Responsible for implementing a tools roadmap and working with management to prioritize tool needs

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

Work collaboratively with the broader engineering team to ensure the tools roadmap is aligned with product strategy

Qualifications

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

Extensive experience developing multi-faceted tools and interfacing with large, complex applications

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

Strong experience using SQL Server

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 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

Excellent communication skills, the drive to succeed and work independently and on a team, the ability to multi-task, and the ability to 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