

POSITION TITLE: Senior Software Engineer
DEPARTMENT: Software Engineering
REPORTS TO: Manager, Software Engineering
STATUS: Full-Time / Exempt

POSITION SUMMARY:

This is a position based in Homestead, Pennsylvania for the purpose of designing and building our suite of industry-leading SaaS web and mobile applications for driving continuous performance improvement, certification management and lifelong learning in healthcare. The person selected for this position will be responsible for designing and building innovative web and mobile applications that our customers will love. All software engineers have an opportunity to make a large impact on the design, architecture, and implementation of our products. Successful candidates are enthusiastic about the latest web technologies and are capable of translating high-level, ambiguous business goals to working software solutions. You must be comfortable taking initiative and working across teams on high visibility projects. Our engineers are top-notch software developers who love working as a team and proactively take the lead wherever necessary. Our platform is primarily built upon the Microsoft .NET stack with a focus on client-side development (MVC, MVVM, Knockout, jQuery, JavaScript, CSS, JSON, HTML). While we utilize core Microsoft solutions our goal is to use the best technology to solve the problem at hand. So, we also use many open-sourced technologies (mongoDb, CentOS, apache, MySQL, lightTPD, nginx, RabbitMQ, java, PHP, etc.) in our quest to create highly-scalable web applications. Our engineers need to have solid problem solving skills and the ability to quickly learn and apply new technologies. If you are an innovative, results-oriented and highly talented developer that is competitive, wants to work with smart, creative, energetic people and possess the initiative, confidence and good judgment to make independent decisions every day - then you're probably a perfect addition to our exceptional Engineering Team.

Employees at CECity are expected to consistently demonstrate the following attributes; Commitment to excellence and customer service as demonstrated through accuracy, efficiency and timeliness in performance of assignments. Flexibility, team work, professionalism, effective verbal and written communication and a high-level of problem-solving skills are essential.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

- Develop cloud-based applications and distribution networks for performance improvement, quality reporting and lifelong learning.
- Designs, modifies, develops, writes and implements web and mobile applications. Also, may coordinate a work team. Provides technical support to project team members. Demonstrates expertise in a variety of software engineering concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks.
- Provides consultation on complex projects and is considered to be the top level contributor/specialist. A wide degree of creativity and latitude is expected.
- Responsible for application software development efforts from deployment through maintenance support process
- Design, develop and maintain the operation of database-driven ASP.NET/c# web applications with an emphasis on usability, performance and scalability
- Introduce new technologies and methodologies into the product development function and develop software solutions to address technical problems.

- Advanced knowledge of object-oriented design, programming, data structures, ASP.NET, Visual Studio, c#, web forms, MVC, HTML, jQuery, Javascript, SQL Server, REST and web applications.
- Participant in full development life cycle, working within broadly defined parameters and a dynamic, fast-paced, agile environment.
- Own the delivery of an entire piece of a system or application and/or serve as a technical lead on small to midsize complex projects.
- Manages tasks and execution against project plans and delivery commitments. Responsible for individual results.
- Work closely with team lead and manager to develop the best technical design and approach for new product development.
- Build software solutions where the problem is not well defined. Creative problem solving is a must. Designs and defines the interaction between the other component pieces.
- Responsible for the development and maintenance of key system features.
- Will work with other team members to investigate design approaches, prototype new technology and evaluate technical feasibility
- Will work in an Agile/Scrum environment to deliver high quality software against aggressive schedules
- Will establish architectural principles, select design patterns and then mentor team members on their appropriate application.
- Other duties upon request.

REQUIREMENTS:

- Bachelor's Degree in Computer Science, Engineering or related field.
- 8-10+ years of experience in Microsoft ASP.NET software development.
- 8+ years of experience participating in successful production software deployments.
- Technology: ASP.NET 4.0/4.5, Visual Studio .NET 2012+, C#, WCF, Web Forms, MVC 4, Web API (REST), HTML, jQuery, JavaScript, SQL Server 2012, SQL, MSMQ, SOA, caching, scalable web applications, design patterns
- A solid grounding in Computer Science fundamentals
- Strong problem solving skills required.
- Experience working on SaaS web applications
- Experience developing cloud software services and an understanding of design for scalability, performance and reliability.
- Development experience defining, developing and maintaining REST based interfaces.
- Must be authorized to work in the United States on a full-time basis for any employer
- Hands-on experience developing with ASP.NET, Javascript, jQuery, REST Web Services (WebAPI preferred), JSON, HTML, XML, MVC and IIS.
- Solid understanding of relational databases (SQL Server 2012+) and SQL. Experience with Non-relational databases (MongoDB, Hadoop, Cassandra, etc.) a plus.
- Focus on clean high-quality code, solid designs and scalable solutions.
- Ability to work effectively under pressure in a dynamic environment.
- Experience with large-scale multi-tiered systems and service-oriented architecture.
- Love of agile coding methodologies.
- Experience with social media platforms and functionality.
- Strong communication skills are a must.

- Proficient in the use of Microsoft Office applications such as Excel, Word, PowerPoint, and Project.
- Ability to actively listen and to handle difficult or delicate situations with diplomacy and professionalism.
- Ability to explain concepts clearly in written and verbal communications to co-workers, end users and clients via email, phone, online resources and online conferencing.
- Excellent organization, time management, and prioritization skills.
- Strong leadership with ability to take ownership for projects and results.
- **Physical requirements:** Must be able to see, hear, type and speak clearly.
- **Other:** Must be able to work extended hours and work well under pressure. Some travel required.

PREFERRED QUALIFICATIONS:

- Technology: MVVM, Knockout.js, MongoDB, python, ruby, Cloud-based services, memcached, RabbitMQ, Linux (CentOS), Apache, MySQL, Web API, log4net, HTML5, CSS, SignalR, PhoneGap, WF4+
- 2+ years of health care industry experience
- Experience with large-scale multi-tiered systems and service-oriented architecture.
- Experience with performance analysis and optimization of web, mobile and service applications.
- The ability to take raw product requirements and develop software architectures and designs to bring them to life
- Excellence in technical communication with peers and non-technical cohorts
- Ability to mentor other software developers to maintain architectural vision and software quality
- Experience building complex software systems that have been successfully delivered to customers
- Knowledge of professional software engineering practices & best practices for the full software development life cycle, including coding standards, code reviews, source control management, build processes, testing and operations.
- Ability to take a project from scoping requirements through actual launch of the project.
- Experience in communicating with users, other technical teams, and management to collect requirements, describe software product features, and technical designs.