

Senior Microsoft .NET Developer

JOB SUMMARY

Covalent Solutions (Covalent) is seeking a mission driven, highly motivated and collaborative **Senior Microsoft .NET Developer** with **React** and **SQL** experience who is truly excited about building great products to support one of our clients at the National Institutes of Health (NIH). As a **Senior Microsoft .NET Developer**, you will apply your skills and expertise to create designs to:

- Maintain existing code baseline
- Design/implement new web APIs to be deployed on a cloud platform

This opportunity is full-time with Covalent and is on-site in Rockville, Maryland.

DUTIES AND RESPONSIBILITIES include, but are not limited to:

- Work with the project manager to define success metrics and criteria.
- Ensuring the program/project meets success parameters and business objectives stated in the project plan and charter.
- Providing transparency and communication on project status and risks to project stakeholders.
- Analyze and understand pre-existing software baseline so that they can be maintained and enhanced based on user needs.
- Design and implement new API services to be deployed to a cloud platform.

QUALIFICATIONS

Education

- Bachelor's or Master's in Computer Science, Computer Engineering or Electrical Engineering
- Desired certifications.
 - Microsoft Certified:
 - Power Platform Developer Associate
 - Azure Developer

Work Experience

- 8+ Experience with Agile methodology.
- 4+ years of Microsoft Power Platform
- 2+ years of Microsoft Azure Container Instances (ACI)
- 8+ years of the following
 - **Application Development:** Creating applications and services using languages supported by .NET, .NET framework, React and SQL. This involves writing clean, scalable, and efficient code.
 - **Requirement Analysis:** Collaborating with stakeholders to gather and understand business requirements and translating them into technical specifications.

- **Design and Architecture:** Developing the architecture of the application, ensuring it meets the performance, scalability, and security requirements. This includes creating data models, designing user interfaces, and defining the overall system structure.
- **Testing and Debugging:** Writing unit tests to ensure the reliability and quality of the code. Debugging and resolving issues in existing applications to improve performance and functionality.
- **Deployment and Maintenance:** Managing the deployment process of applications to production environments. Providing ongoing support and maintenance, including updates and enhancements based on user feedback and technological advancements.
- **Database Management:** Designing, implementing, and managing databases using technologies like SQL Server. Writing efficient queries, stored procedures, and database functions to support application functionality.
- **Integration:** Integrating .NET applications with various third-party services and APIs, ensuring seamless communication and data exchange. Experience with RESTful APIs and integrating backend services with frontend applications.
- **Code Review and Documentation:** Participating in code reviews to ensure code quality and adherence to best practices. Creating and maintaining documentation for the codebase, including technical specifications and user guides.
- **Performance Optimization:** Analyzing and optimizing application performance, including code refactoring and implementing best practices to enhance the speed and efficiency of applications.
- **Security:** Implementing security measures to protect applications from vulnerabilities and threats. This includes encrypting data, managing authentication and authorization, and adhering to security standards.
- **Collaboration:** Working closely with other developers, project managers, designers, and QA testers to ensure project goals are met. This often involves participating in agile development practices like daily stand-ups, sprint planning, and retrospectives.
- **Continuous Learning:** Staying updated with the latest developments in the .NET framework and related technologies. Continuously improving skills and knowledge through training, attending conferences, and reading relevant literature.

COMPETENCIES

Professionalism:

- Sharp eye for detail.
- Proven ability to manage multiple tasks concurrently and in different phases of work at the same time. Flexibility and adaptability to perform in a fast paced and dynamic environment. Context-switching does not bother you.
- Effectively collaborates and influences people at all levels in the organization through strong interpersonal and communication skills.
- Highly organized with strong time-management skills.
- Ability to manage conflict and drive resolution.

- Focused on results, proactive, service oriented
- Can focus on both high level and detail level, knowing which is appropriate for the situation.
- Ability to self-direct and manage ambiguity.
- Ability to take in a lot of disparate information and find common themes, recommend clear paths forward and iterate.
- Motivated by professional rather than personal concerns.
- Show persistence when faced with difficult problems or challenges.
- Naturally curious about things you don't understand and actively look for opportunities to grow and learn from those around you.

Communication:

- Actively participate in meetings and be willing to advocate for what you believe in. Provide thoughtful, constructive review of others' work, knowing that everyone is working towards the same objective.
- Superior written and verbal communication skills. You can always articulate the "why" behind your solutions.
- Listen to others, correctly interpret messages from others and respond appropriately.
- Ask questions to clarify, and exhibit interest in having two-way communication.
- Tailor language, tone, style and format to match the audience.
- Demonstrate openness in sharing information and keeping people informed.
- Speak intelligently about a wide variety of topics but know when to say, "I don't know."

Teamwork:

- Work collaboratively with colleagues to achieve organizational goals.
- Place team agenda before personal agenda.
- Support and act in accordance with the final group decision, even when such decisions may not entirely reflect your own position.
- Share credit for team accomplishments and accept joint responsibility for team shortcomings.

Accountability:

- Take ownership of all responsibilities and honor commitments.
- Deliver outputs for which you have responsibility within prescribed time, cost and quality standards.
- Operate in compliance with organizational regulations and rules.
- Take personal responsibility for your own shortcomings, where applicable.

**If you are interested, please send your resume to
jobs@covalentsolutions.com.**