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## Job Description: Software Engineer

As a Software Engineer at D-SIMLAB Technologies, you will gain exposure to both technical and soft skills development while working on innovative software solutions for world-leading semiconductor manufacturers. This role extends beyond software development, involving close collaboration with clients and providing professional consultation services to support their operational needs.

### Key Responsibilities:

- **Software Product Deployment and Delivery:**  
Collaborate with a team of Software Engineers and Data Scientists to ensure smooth deployment and delivery of D-SIMLAB's software products at semiconductor manufacturing sites. Work with global clients to address their technical needs and deliver high-quality solutions.
- **Product Enhancement:**  
Contribute to the continuous improvement of D-SIMLAB's software, focusing on areas such as data visualization and algorithm optimization to improve product quality and user experience. Actively participate in product development cycles, from conceptualization to implementation.
- **Key Software Component Development:**  
Take ownership of the development and maintenance of critical software components, ensuring scalability, performance, and reliability in diverse manufacturing environments.
- **Client Consultation:**  
Provide technical expertise and consultation to customers, helping them implement and optimize D-SIMLAB's software solutions in their manufacturing processes. Assist in troubleshooting and problem-solving to enhance client satisfaction.
- **Collaboration and Innovation:**  
Work in a multicultural and multidisciplinary team, contributing to innovative ideas and technical solutions. Stay updated on the latest technology trends and actively seek ways to improve the efficiency and performance of the software.

### Candidate Requirements:

- **Education:**  
Bachelor's or Master's degree in Computer Science, Software Engineering, Industrial Engineering, or a related field.  
Diploma holders with relevant experience are encouraged to apply.
- **Technical Skills:**  
Strong skills in C#, .NET, SQL.  
Familiarity with software development life cycles, agile methodologies, and version control systems.  
Experience with algorithms, data structures, and software architecture design.  
Experience with visualization frameworks and tools is an advantage.
- **Soft Skills:**  
Strong interpersonal and communication skills, with the ability to work effectively with clients and teams from different technical and cultural backgrounds.

- **Adaptability and Willingness to Travel:**
- Willingness to travel internationally and work on challenging projects at semiconductor manufacturing sites. Ability to adapt quickly to new environments and work under pressure to meet project deadlines.
- **Career Growth:**  
Interest in personal and professional growth by enhancing both technical and soft skills. Fresh graduates are welcome to apply.