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**Long Wave Inc. Position Description**

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| **Date:** | **December 26, 2024** |
| **Position Title:** | **Lead Software Engineer** |
| **Department:** | **LW-SimTEC / Oklahoma City, OK** |

**Position Overview:** As a Lead Software Engineer, you will play a pivotal role in designing, developing, and maintaining high-quality software solutions using C#. You will lead a team of talented engineers, collaborate with cross-functional teams, and ensure the successful delivery of projects.

**Essential Responsibilities:**

* Lead the design, development, and implementation of software applications using C#.
* Mentor and guide a team of software engineers, fostering a collaborative and innovative environment.
* Collaborate with product managers, designers, and other stakeholders to define project requirements and deliverables.
* Ensure code quality, performance, and scalability through code reviews and best practices.
* Troubleshoot and resolve complex technical issues.
* Contribute to the development of technical documentation and user guides.

**Qualifications:**

* Bachelor's or Master's degree in Computer Science, Engineering, or a related field.
* Proven experience as a Lead Software Engineer or similar role.
* Strong proficiency in C# and .NET.
* Strong proficiency in unit/component/integration/regression software testing.
* Experience with front-end technologies such as HTML, CSS, and JavaScript.
* Familiarity with relational database technologies like SQL Server or MySQL.
* Excellent problem-solving skills and attention to detail.
* Strong leadership and communication skills.
* Ability to work effectively in a fast-paced, agile environment.

**Preferred Qualifications:**

* Strong knowledge of microservices architecture and RESTful APIs.
* Familiarity with DevOps practices and CI/CD pipelines.
* Experience working with a team comprising diverse disciplines including Systems Engineers, Software Architects, DevOps Engineers, and Software Quality Management.
* Working knowledge of networking and IT infrastructure.
* Ability to implement portions of a design competently and comfortably without knowing the whole picture.