**Job Title: Software Architect - New Grad**

**Job Description:**

We are seeking a motivated and detail-oriented Software Architect to join our team, working on cutting-edge Industrial Control System (ICS) software products. This is a fantastic opportunity for a recent graduate to apply their technical skills, gain experience in a dynamic industry, and contribute to the design and development of mission-critical software used in industrial automation systems. You will collaborate with experienced engineers to architect scalable, secure, and high-performance software solutions that power modern industrial processes.

**Key Responsibilities:**

1. Software Architecture Design: Assist in designing and defining the architecture for ICS software products, ensuring they meet industry standards for scalability, performance, and security.

2. Component and Module Design: Contribute to designing software components and modules that enable integration with industrial hardware (e.g., PLCs, SCADA systems, sensors) and manage data flow across systems.

3. Code and Design Reviews: Collaborate with senior engineers to review code and design, ensuring quality and adherence to the architecture. You will also learn best practices for creating maintainable, modular, and reusable code.

4. Documentation: Assist in creating and maintaining comprehensive architectural documentation to facilitate clear communication and consistency across teams.

5. Collaboration with Stakeholders: Work with cross-functional teams, including developers, product managers, and customers, to gather requirements and translate them into robust architectural designs.

**What will our ideal candidate bring to Fluence?**

- BS in Computer Science, Software Engineering, or related field from an accredited university. A Master's degree is a plus.

- Familiarity with architectural patterns (e.g., microservices, event-driven architecture, service-oriented architecture) and their applications.

- Hands-on experience with programming languages such as C/C++, Java, Python, or Go, and an understanding of object-oriented design principles.

- Ability to analyze and interpret information from a variety of sources, apply critical and creative thinking to draw conclusions or develop solutions to complex problems.

- An ever expanding mind that is adept at conceptualizing complex ideas quickly and conveying those thoughts to others in a clear, effective, and motivating manner.