Lead Software Engineer – API Development Team

At SANDT, we are at the forefront of IT/OT convergence solutions. We are seeking a Lead Software Engineer to spearhead our API Development Team. The successful candidate will possess deep technical expertise and leadership skills, guiding the team in developing robust, scalable, and secure APIs that facilitate seamless IT/OT integration.

Key Responsibilities

API Architecture & Design:
- Oversee the design, development, and deployment of scalable and secure APIs.
- Ensure that the APIs are maintainable, efficient, and adhere to best practices.
- Designing and developing API's, including RESTful APIs or GraphQL API's.

Integration:
- Collaborate with IT/OT specialists to ensure seamless integration of API's with both IT and OT systems.
- Engage with external partners and vendors to ensure API compatibility and integration.

Documentation & Standards:
- Establish and enforce API development standards and best practices within the team.
- Ensure comprehensive documentation for all developed APIs.

Quality Assurance & Testing:
- Oversee the testing of APIs, ensuring functionality, reliability, and performance.
- Collaborate with the QA team to ensure thorough testing and quality assurance.

Security & Compliance:
- Implement and oversee best practices to ensure the security of APIs.
- Ensure compliance with industry regulations and standards.

Technical Knowledge & Tools

- API Development: Expertise in API development tools and platforms like Postman, Swagger, or similar.
- Programming Languages: Proficiency in languages such as Java, Python, Node.js, or similar. Understanding of web development concepts, including HTTP/HTTPS protocols, RESTful services, and web services.
- Databases: Deep knowledge of relational and NoSQL databases like MySQL, MongoDB, etc.
- Version Control: Mastery of Git or similar version control systems.
- Security: Advanced knowledge of API security standards and best practices.

Qualifications

- Bachelor's or master's degree in computer science, Engineering, or a related technical field.
- Proven experience as a Software Engineer preferably in API development.
- Strong understanding of IT/OT systems and their integration challenges.
- Experience with embedded software development

Personal Attributes

- Exceptional leadership and team management skills.
- Strong analytical and problem-solving abilities.
- Excellent communication skills, both written and verbal.
- Fluent in Dutch, French and English