



TAKE A PLUNGE INTO THE EXCITING
WORLD OF ENGINEERING

SOFTWARE ARCHITECT (M/F/D)

Located in Bissen / Luxembourg

Your responsibilities

- Creating high-level architectural designs that align with business requirements and technical constraints
- Providing technical guidance and mentoring to development team members ensuring adherence to architectural standards and best practices
- Collaborating with stakeholders to gather and analyze requirements, ensuring that the architecture meets both functional and non-functional requirements
- Producing and maintaining comprehensive architectural documentation
- Conducting code reviews to ensure that the implementation aligns with the architectural vision and adheres to quality standards including security, reliability, and usability
- Identifying potential risks and develop mitigation strategies
- Ensuring that the architecture supports optimal performance, scalability, and maintainability of the software system
- Staying up-to-date with emerging technologies and industry trends, to adapt architectural strategies accordingly

Your profile

- Master's degree in Computer Science, Computer Engineering, Electronics Engineering or equivalent
- At least 5 years' working experience of Software Architecture and Design Patterns
- Strong analytical skills to identify and resolve architectural issues and make decisions that balance technical and business needs
- Very good knowledge of UML, Object-Oriented Analysis and Model Driven Development
- Knowledge of the followings are considered assets:
 - Microcontroller Hardware and Peripherals
 - Embedded Software Development
 - Automotive Processes and Quality Standards (e.g., A-SPICE, ASIL, HIS, MISRA)
 - Requirement management tools
 - Agile Development
- Working effectively with cross-functional teams
- Ability to manage deadlines, proven experience balancing multiple priorities
- Excellent verbal and written communication skills
- Service-oriented and well organized
- Fluency in English is mandatory, French and/or German are considered assets

If you are interested in this role, please send your application via our [career page](#).

For further information please check our website www.iee-sensing.com.

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