



Wien-Vösendorf ♦ Graz ♦ Linz ♦ Salzburg

10000.38

International Customers have selected IVM as their strategic partner; therefore, we increase our international team in Vienna



## Senior SW architect for satellite test Systems (m/f)

### Responsibilities:

- ▶ Evaluate the status of the SW landscape for all SCOE (Special CheckOut Equipment) test systems for satellites. The SW of these systems comprises embedded SW components as well as SW parts on Linux and Windows systems
- ▶ Identify needs for architectural improvement
- ▶ Migrate SW parts of same or similar functionality currently implemented in various projects into a common product based approach with a minimum amount of project specific adaptations. (In alignment with product line manager)
- ▶ Increase modularity of the various SW implementations across all SCOE systems
- ▶ Reduce maintenance efforts and increase code extendibility and increase SW reusability
- ▶ Definition of target architecture based on the result of above analysis
- ▶ Definition of migration path for SW areas which need optimizations
- ▶ Where meaningful, definition of a refactoring strategy for SW areas with identified architectural deficiencies
- ▶ All proposed measures are to be aligned with the respective solution experts
- ▶ Monitoring and verification of the implementation of the aligned architectural improvements
- ▶ Contribute to design and coding
- ▶ Evaluation of tooling for SW development and configuration management principles and related adherence across all SCOE projects.
- ▶ Define improvements and supervise their implementation
- ▶ Support the product line manager in the definition of the solution road map
- ▶ You will consider typical project specific requirements and consider these as input for the SW architecture definition

### Requirements:

- ▶ Excellent know-how of SW architecture principles and methods for industry standard embedded test systems
- ▶ Code modularity, Object oriented design principles, capsuling, code robustness, etc
- ▶ Efficient approaches for code maintainability and extendibility
- ▶ State of the art methods and tools to support modern SW architecture principles and their implementation
- ▶ Programming languages: C, C++, Java, Java Script, shell scripts (at least C++ or Java)
- ▶ Experience with embedded, Linux and Windows development
- ▶ Several years of related industry experience
- ▶ Proven experience as SW architect for related industry solutions
- ▶ Exposure in team and stakeholder management
- ▶ German and English Skills (level B2-C1)
- ▶ Take ownership and responsibility
- ▶ Analytical and solution orientated and take ownership and responsibility

### We offer:

- ▶ Long-term career planning
- ▶ Interesting and challenging job in an internationally successful company
- ▶ Competent team
- ▶ Motivating working atmosphere

If you are interested in this career opportunity, we are looking forward to receiving your application

# IVM Technical Consultants



For further information about the job please contact:  
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Tel.: +43 (1) 6988880-38

To be considered for this job vacancy,  
please submit your CV to  
[welcome@ivm.at](mailto:welcome@ivm.at)  
IVM Technical Consultants Wien Ges.m.b.H.  
Schönbrunner Allee 1-5  
2331 Wien Vösendorf

Monthly gross salary: from € 4.500,-- (depending on qualifications and experience)

Innovativ ♦ Verlässlich ♦ Menschlich