Architecture Engineer of electronics systems

Client:
Multinational automotive company with global engineering centre in the region of Trenčín.

Job description:

- Development of electronics product concepts and their specification in the form of system requirements

- Evaluation of customer requirements with regard to product and system context

- Carrying out technical coordination with customers and specifying system requirements based on customer, legal and normative requirements

- Development of system architectures and their static, dynamic, functional and physical views

- Creation of development-related documents in coordination with internal and external suppliers and customers

- Support with safety analysis such as FMEA and FTA

- Identifying technical product risks and weak points and contributing to proposed solutions

- Development and improvement of process descriptions, methods, tools and templates

- Support in cost estimation and project planning as well as in analysing, evaluating and creating patents and property rights

Software as upgradeable interface between sensors, actuators, cable harness and high-performance computer with the operating system

Optimized design of zonal controller with regards to packaging, thermal management, zonal harnesses, cross section of wires

Requirements:

- Completed engineering degree in electrical engineering, mechatronics, computer science or comparable qualification
- Experience in system and requirement engineering (in automotive environment is welcomed)
- Basic knowledge of embedded hardware and software (C/C++)
- Knowledge of the model language SysML or UML or other is an advantage
- Basic knowledge of test, measurement and circuit technology on electronic systems
- Experience in the field of power electronic systems and gateway systems is an advantage
- First contact with requirement engineering tools such as PTC Integrity or Doors and Enterprise Architect is an advantage
- Knowledge of automotive bus systems and vehicle diagnostics is an advantage (CAN, LIN, Flexray, UTP Ethernet)
- Initial experience in the field of functional safety (ISO26262)
- Systematic approach (V-model and ASPICE) as well as analytical understanding is an advantage
- Flexibility, responsibility, teamwork
- Good knowledge of English. German skill preferable

Benefits:

- Salary up to 3000 EUR,
- Opportunity to work in international global team,
- International contacts and professional cooperation,
- Personal development on professional and language skills with the possibility of using High-Tech technologies,
- Flexible working time (37,5 hours for week),
- Extra 4 days off (Sick days),
- 13th Salary (Target Agreement),
- Home office,
- Maximum support for new improvement thoughts and ideas (financial reward),

Contact:

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