Software Architect for AN Product Line 1 (Iasi)

Your tasks

In the Architecture and Networking (AN) business area, activities ranging from seamless connectivity technologies and vehicle electronics to innovative high-performance computers are brought together. Thus, we provide the entire electronic backbone enabling any functions in the vehicle. Besides the hardware, we connect the vehicle with the cloud and beyond to offer all services optimizing the vehicle architecture. We are setting standards for the connected mobility of tomorrow.

Do you want to be a Software Architect in Architecture & Networking?

These should spark your interest:

- The Software Architect defines and works out the software architecture of a complex system governed by AUTOSAR and customer requirements, which are then allocated to the matching components. You specify the interfaces and the interaction of these components;
- You will work in a world-wide enthusiastic team of experts in the software architecture to define optimized solutions for autonomous drive and ADAS applications;
- You will provide expert consulting on quotes and development projects, support AN PL1 architecture roadmap, future concepts and platforms;
- You will ensure re-use and consistency of architectures for Global OEMs. Guide project architects in „how-to" in terms of process and tool usage.

Usual tasks:

- Create and maintain the SW Architecture;
- Coordinate and specify the interfaces of the SW components and their interaction;
- Analysis of the state behavior and timing behavior of the total system and its sub-systems;
- Moderate reviews for the architecture of each main function inside the software system (e.g. Functional safety, Security, Multi-core concepts, I/O stack, Specific CDDs);
- Performance issues and stability issues analysis in system. Identification of problem root causes;
- Supporting the software integration strategies;
- Cooperate in the global SW architecture community to maintain and improve a Robust, Extensible and Scalable SW Architecture that supports multiple solution trains. Collaborate in innovation expert teams with cross domain participation and be the technical contact for internal and external customers;
- Supporting the creation of the technical safety concept;
- Supporting the creation of the Security Concept.

Job ID
REF58080R

Field of work
Engineering

Location
Iaşi

Leadership level
Leading Self

Job flexibility
Hybrid Job

Legal Entity
Continental Automotive Romania SRL

Your profile

You can be a perfect match to our team if you have:

- A master's degree in Electrical Engineering, Software Engineering or comparable;
- Multiple years experience in the areas Automotive and Software Engineering, automotive product design / automotive functional safety (5 years minimum);
- Deep expertise of relevant key product area, ADAS and ADCU expertise is a big advantage;
- Minimum one project completed;
- Strong technical leadership, experience in leading and coaching junior colleagues and interns;
- Experience in international project teams with multiple development locations;
- Good verbal and written communication skills;
- Proactive, structured and independent workstyle.

Our offer

Benefits:

- The 13-th salary – Paid once a year, in December;
- Meal tickets - With a value of 35 Ron;
- Flexible working time;
- Cross-Border Mobile Work in the EU according to internal regulations;
- Relocation Package for non-Iasi Residents;
- Referral bonuses - We encourage colleagues to refer new candidates to us and, at the same time, to get the chance to receive a bonus;
- Private Health Insurance – Health is the most important, so we offer you private medical insurance which offers a wide range of medical services;
- Discounts at our partners – We collaborate with different vendors, and we receive discounts for various products/ services like rubbers, restaurants, kindergartens etc.;
- Tires discount - Purchase best Continental tires at a special price;
- System for Rewarding Improvement Ideas – We have an internal improvement program (Continental Idea Management) that gives you the opportunity to come with ideas and to be honored with an attractive bonus (this is established by the CIM team according to your improvement idea);
- Happy days – If you or your child is getting married, or you become a parent, you receive some extra free days;
- Life events celebration - If your family is growing, we praise your newborn with a bonus;
- Unfortunate events - In case of unhappy events in your life, we support you by offering you free days and financial support (handled on a case-by-case basis);
- Expect to start your days of annual vacation days from a minimum of 22 days with extending the period proportional to the length of work within Continental;
- Sabbatical year - Take up to one year off and come back on the same position, according to our internal policies;
- Professional development - Many opportunities to develop yourself within the company;

- Diversity and multicultural mindset - We encourage you to join us no matter who, where, what you are. We have colleagues from different nations and a variety of languages are spoken in our company;
- In-house restaurant & coffee corner.

Ready to drive with Continental? Take the first step and fill in the online application.

About us

Continental develops pioneering technologies and services for sustainable and connected mobility of people and their goods. Founded in 1871, the technology company offers safe, efficient, intelligent and affordable solutions for vehicles, machines, traffic and transportation. In 2022, Continental generated sales of €39.4 billion and currently employs around 200,000 people in 57 countries and markets.