Security & Privacy Architect for Smart Mobility (Iasi)

Your tasks

Smart technologies have been part of our everyday lives for a long time - and are now also changing mobility. Connected vehicles that analyze data in real time are easing traffic congestion, especially in urban areas. Sustainable logistics with intelligent solutions for commercial vehicles, fleets and the aftermarket are the key elements of Smart Mobility. With our technologies, we enable seamless networking of the driver and vehicle with the infrastructure, other vehicles, mobile devices and the cloud, so that all road users can access information and services securely at all times.

Do you want to be a Security & Privacy Architect for Smart Mobility (SMY)? These should spark your interest:

- Supporting in the analysis and Identification of weaknesses in vehicle functions with regards to Security & Privacy;
- Responsible for Analyzing requirements and documentation in the scope of Security and Privacy at stakeholder level;
- Responsible for technical solutions to treat identified risks and satisfying project Security & Privacy framework requirements;
- Responsible for developing and reviewing system architecture with regards to Security & Privacy;
- Responsible for elaborating security mechanisms on ECU level as well as discussing dependencies and vehicle level architecture with our customers;
- Responsible for elaborating solutions for both eLinux controllers, AUTOSAR controllers and in the scope of inter-controller communication.

A mentor will support you to gradually take over own responsibility after an initial training phase which will familiarize you with our products, tools, processes and organization.

Your profile

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

- University degree in computer science, electrical engineering or software engineering or equivalent technical discipline;
- Knowledge of security standards - Automotive and Incident Response Management;
- Awareness of automotive architecture (AUTOSAR) and Communication Standards (e.g. CAN / LIN / Ethernet);
- Knowledge of embedded Linux, in the scope of Security & Privacy (best practices, existing solutions);
- Basic programming knowledge (C, C++, MATLAB/ Simulink knowledge);
• Knowledge of development, test and production process in automotive area;
• Good writing, reading and speaking English skills.

Would be a plus:

• Experience with developing projects that apply ISO 21434;
• Knowledge and experience in commercial vehicles architecture;
• Knowledge of diagnostic standards (UDS);
• Previous experience on software development on Linux applications;
• Previous experience on Low-Level Linux Software Development (File System, Drivers, Boot-up sequence);
• Familiar in model-based system development using Tools such as Medini Analyze, IBM Rhapsody, IBM DOORS etc.

Our offer

Benefits:

• The 13-th salary - Paid once a year, in December;
• Meal tickets - With a value of 30 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.