

Software Shopfloor Solutions Engineer

Your tasks

As part of our Manufacturing Technology Engineering Organization, our team of the Solution Development Center (SDC) develops, implements and supports automation solutions for our tire plants worldwide.

By joining the development team, you are responsible for **development, industrialization and support our Shopfloor Solutions** for our production in all 20 Continental Tire factories around the globe.

You will be part of a motivated IT team supporting digitalization and Industry 4.0 projects and activities on global scale.

Your tasks and responsibilities in detail will be:

- Develop shopfloor solutions based on requirements from internal business partners, primarily using .NET, Python, OPC UA and Docker for containerized solutions;
- Analyze business requirements and translate them into technical implementations;
- Collaborate on the piloting of new features and systems in our tire plants;
- Work within an international, multicultural team spanning 7 locations globally;
- Provide remote and occasional on-site 3rd level IT support of 20 tire plants in Europe, USA, Mexico, Brazil, China, Malaysia, Thailand, ...

If you love creating and improving digital solutions and driving them from idea to implementation, Continental is the perfect match for you.

By joining our development team, you will be responsible for developing manufacturing shopfloor solutions for tire production, working with modern technologies like .NET, Python and Docker in a global and collaborative environment.

Your profile

- Academic degree in Information Technology, Computer Science, Electrical Engineering, or other related qualification;
- 1+ year(s) of professional experience as software developer, ideally in a manufacturing or shopfloor environment;
- Proficient in C# / .NET, Python development (Unit Testing is a plus);
- Experience building and deploying applications with Docker - containerization, container orchestration (is a plus);
- Basic knowledge of PLC programming (Siemens and Beckhoff are a plus);
- Understanding of Agile development methodologies (SAFe, or similar);
- Proficient English language skills (verbal and written);
- Reliable team player with structured workstyle, focused on



Job ID
REF99033F

Field of work
Engineering

Location
Lousado

Leadership level
Leading Self

Job flexibility
Hybrid Job

Working time
Full Time

Legal Entity
**Continental Solution Center
Portugal, Unipessoal, LDA.**

continuous learning.

Our offer

- Integration in a dynamic and international work environment;
- Flexible working model;
- Collaborative working style;
- Continuous opportunities for the promotion of talent and training.

We are committed to fostering a workplace where everyone feels safe, respected, and valued. All kind of applications are welcome.

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

About us

Continental is a leading tire manufacturer and industry specialist that develops and produces sustainable, safe and convenient solutions for automotive manufacturers as well as industrial and end customers worldwide. Founded in 1871, the company generated sales of €19.7 billion in 2025 and currently employs around 76,000 people in 54 countries and markets.