

***Do you want to contribute to make vehicles more environmentally friendly?***

***About Chassis Brakes International***

*Chassis Brakes International is one of the world's largest manufacturers of automotive braking solutions. Its products - disk brakes, drum brakes, electro-mechanical parking brakes and rotors - are dedicated to passenger cars and light commercial vehicles.*

*Chassis Brakes International benefits from a strong expertise gained throughout more than 90 years in the foundation brakes industry under different banners. Since June 2012, the company has been part of KPS Capital Partners, LP portfolio companies.*

*Chassis Brakes International has a global footprint with operations in Europe, Asia, South Africa, North and South America. The company employs 5,200 people in 16 countries at 13 manufacturing sites and 11 engineering centers or sales offices.*

[www.chassisbrakes.com](http://www.chassisbrakes.com)

***Make vehicle more environment friendly - that's what we stand for.***

Our R&D centers in braking technology develop new breakthrough innovation for new lighter and recyclable material. Using the latest testing and simulation technology, low noise and low vibration braking system are offered to our customers anywhere in the world. For the new R&D center based in High Tech Campus Eindhoven we are looking for

**Software Development Engineers**

**Job description**

**As Software Development Engineer you are in charge of defining and developing the control software part of electromechanical brakes and electromechanic parking brakes in particular.**

- Define and write software requirements and specifications in platform development projects and / or customer application projects. Cooperation with the design team for electromechanical components, with the system design team and with customer project application teams.
- Request / drive and / or realize technical studies (theoretical approach, numerical simulation, component testing) in order to improve product knowledge and to refine the control strategies.
- Active participation in realizing software components and / or driving external software suppliers.
- Participation in software verification activities (reviews, unit testing)
- Follow-up of software validation activities (on bench and on vehicle) in cooperation with test teams.
- Documentation and follow-up of evolutions and technical changes.
- Assure completeness and versioning of system and software documentation in accordance with internal processes and / or ISO 26262 standard.

- Participation in preparing and presenting software documentation and software status reports to customers (car manufacturers) in the case of specific customer software.
- Participation in continuous improvement activities within CBI. Ex: optimization of internal processes, benchmark and set-up of development tools.

**Professional requirements:**

- Degree as system or software engineer for transportation or equivalent and minimum 2 to 5 years of professional experience in a similar position.

**Tools / development environment:**

- DOORS, ASCET, Matlab/Simulink, C code, CAN, FlexRay, pack MS Office
- Knowledge about ISO 26262 standard, requirements management and configuration management.

**Personal abilities:**

- Openness in relationships
- Solid technical negotiation
- Autonomous and curious, methodological approach and documentation.
- Willingness to share their experience and results.

**Languages:**

- Fluent English mandatory

**Others:**

- Driving license

**How to apply?**

If you are convinced you are the right person for the job, please send your resume and short motivation in English to [recruitment@closer2talent.com](mailto:recruitment@closer2talent.com)