



Committed and with passion for precision we create digital reality solutions combining sensor, software, and autonomous technologies to empower a sustainable future.

Main responsibility of the BSP team is to provide and maintain a tailored operating system image for an extensive range of Leica Geosystems' products, such as 3D scanners, High precision measurement instruments, GNSS antennas. You are eager to contribute to the open source projects and make your work visible on our [Github](#) account!

Senior Linux Kernel Engineer (f/m/d)

Heerbrugg / Hybrid  **80-100%**

This appeals to you

- Elaborate the technical concept together with cross-functional teams for a broad-range of our devices
- Bring this design to life: bring up, customization and maintenance of the OS image and integration in the CI system
- Integrate and configure drivers for hardware modules as various as cameras, 2D/3D graphics, wireless front ends, power management ICs
- Develop drivers to interface the Leica specific peripherals, such as sensor boards, angle, camera
- Ensure our high product quality by developing and executing platform-specific tests
- Define the process to configure, calibrate & produce the instruments together with electronics and production engineers
- Want to gain first insights of the products you are working on, then visit [Laser Scanner RTC 360](#), [Leica GS 18](#) or [Leica Nova MS 60](#)

We offer

- Flexible working hours based on a 40-hour week

This is you

- A relevant university qualification (Bachelor / Master / Ph.D.) in computer science, mechatronic or electronic engineering
- Advanced embedded development skills (BSP, kernel and driver development, debugging)
- In-depth understanding of embedded development on Linux, Yocto, OS internals, open source development, tools, libraries
- Familiar in using git-based repositories and CI/CD systems.
- Structured thinking and strong ability to diagnose hardware and software issues; Hands-on hardware bring-up, system debugging and code optimization
- Experience with contributing to open source project is a plus
- Strong communication skills in English, German is a plus

- Vacation entitlement: 25 days from the age of 20, 27 days from the age of 40 and 30 days from the age of 50
- Annual salary incl. 13th month salary in November and a yearly bonus (depends on a revenue of the company)
- Additional days off (bridge days) after public holidays and at Christmas
- Individual training opportunities (internal and external)
- Multicultural and supportive environment
- Newest technologies
- Relocation support

About Us

Hexagon is a leading provider of digital reality solutions and employs more than 21,000 people in 50 countries. You will be part of a strong, experienced, inspiring and motivated team of experts driving the future of Hexagon. You will use and develop your skills in our highly innovative and diverse environment.

Flexible working models allow you to ideally combine work and private interests.

If you have any questions about our positions or our company, please do not hesitate to contact [Aga Gdowska](#), Talent Acquisition Specialist.

APPLY NOW

Leica Geosystems AG
Heinrich Wild Strasse
CH-9435 Heerbrugg

Job-ID: oggr3sk6



HEXAGON

Leica
Geosystems