



INFINITE INNOVATION

EMBEDDED LINUX DEVELOPER

r2p GmbH is a European market leader in intelligent market solutions, headquartered in Flensburg. We develop and sell intelligent technology systems for the mobile sector with highest quality standards: CCTV, passenger counting, Infotainment and fleet management with real-time data transfer for rail and road vehicles.

This role will be based on our UK office in Crawley, West Sussex, working for our **Nimbus Journey Information** brand.

We are very passionate about our work: the r2p team is characterized by a high degree of commitment, team-work, friendly manners and humour, placing a high value on good work-life balance.

We are looking for an experienced **Embedded Linux Developer** to support the wider Nimbus team.

EXPERIENCE

- + Extensive experience on Linux, including (but not limited to):
 - Software Compilation and Package Management
 - Installing Device Drivers
 - Linux Logging Capabilities
 - Stripping down Linux to create efficient builds
 - X and Desktop Configuration (including Network Monitoring)
 - Reporting system diagnostics
 - Multi-threading (threads, mutexes, semaphores etc)
 - GNU Compilers, Cross Compilations and Toolchains to target architecture like ARM or MIPS
 - Interfacing with devices e.g. RS-232, RS285
- + Experience of developing robust applications using the Standard Template Library (STL).

THE POSITION

Nimbus Journey Information are looking for an **experienced Linux-embedded Developer** to take forward our core Real-Time Tracking and Passenger Information application.

Day-to-day responsibilities include:

- + Responsible for **building full solutions on Single board devices**, running Debian Linux as an embedded solution.

ESSENTIAL/DESIRABLE SKILLS

- + Essential skills include **GIT, API development**, comms protocols e.g. **JSON** and **XML**.
- + Desirable skills include **back-end experience** and knowledge of **SQL** and **PHP**.
- + Must have a **disciplined approach to coding**, and to conforming to common standards.
- + This role would be perfect for someone who **likes to put their ideas forward**, who **works with innovation and flair**, and who would **thrive in a flexible and friendly environment**.

HOW TO APPLY

Please send your application (including CV, cover letter and your earliest possible starting date/salary expectations) to:

RUSSELL GARD
RUSSELL.GARD@R2P.COM
MANAGING DIRECTOR (NIMBUS JOURNEY INFORMATION)

FURTHER INFORMATION

Nimbus Journey Information are offering benefits - including private healthcare, training and 25 days' holiday - and a **competitive salary package (up to £30,000)** for the right candidate. For further information please contact us for more details:

+44 (0)1293 887308 | www.nimbusjourneyinfo.com