

"At Diehl, you are more than just a number, you are **a person.**"

MAKE IT FAIR WORK



C/C++ developer (Embedded Linux)

These are your tasks:

- Complex Software Design, BSP and Kernel Development Embedded Linux Driver Development
- Development and Maintenance of Connectivity Embedded Firmware on embedded Linux Devices
- Actively influencing the development and selection of the hardware platform as a basis for future products
- Supporting the project team with knowledge and experience
- Building up the know-how in Embedded Linux in our Wrocław Location being supported by/ and cooperating with the other regions

Who we are looking for:

- 4 years of experience on a similar position
- Very good knowledge of C, C++
- Extensive experience in Embedded Linux (especially in above mentioned areas)
- Experience with PTX-Dist (Pengutronix), Yocto, u-boot
- Experience in Data Communication Device to Cloud and Cloud to Device
- English language proficiency
- Practical skills in working with electronics: programming, debugging, use of measurement equipment

Used Technologies:

- Technologies: Linux Kernel, Linux BSP, PKI, Openssl, Openssh, Reverse-Tunnel, TCP/IP,
- TLS, mbed-tls, TPM, Secure-Boot, High-Assurance-Boot (HAB imx), HTTPS, NginX, REST, MQTT, HSP, JSON, Protobuf, LAN, WLAN, GSM, GPRS(GSM), LTE-M, (NB-IoT), Bluetooth, I2C, RS485, Modbus, HawkBit, RAUC (Pengutronix)
- Programming languages: C, C++ 17, Python 3, Ansible, Yaml, Shell Script, Groovy, Lua
- Platforms: i.mx6, Raspberry PI, RevPi, Multi-Core Targets
- Linux: PTX-Dist (Pengutronix), Barebox, Linux Kernel, Linux Driver, Yocto, u-boot
- Target OS: Embedded Linux, Linux

Work location: Wrocław

Job Level: Professional

Working time: Full time

Employment contract: permanent

Division: Diehl Controls

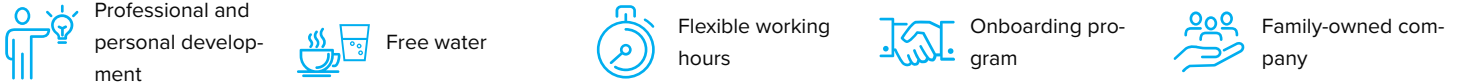
Start: jak najwcześniej

- Tools: GCC, GDB, Clang, Make, CMake, Ninja, Docker, Git, Git-Submodule, Jenkins, Helgrind, Linux & Apps , VPN
- Methods: SCRUM, KANBAN, Modular flexible Software Architecture, OOD(UML), UT

Additional advantages would be: Experience in:

- Python, Ansible, Yaml, Shell Script, Groovy, Lua
- i.mx6 platform, Raspberry PI, RevPi,
- BLE, LTE-M, NB-IoT
- Freescale MFG-Tool and Production Support
- Practical experience in UML modelling
- Knowledge of Scrum, Kanban methodologies
- German language proficiency

These are your potential benefits



Achieve what matters, with Diehl.



Diehl Controls Polska Sp. z o.o.
 Paulina Kacprzyńska
 Pl. Konstytucji 3 Maja 3 p.2, 50-048 Wrocław, Poland
paulina.kacprzyńska@diehl.com

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