Hardware & Software Design Engineer for M2M - Wireless Applications

Round Solutions is a leading German provider of high-tech components and development services for industrial users. The focus is on embedded solutions for wireless communications, such as GSM / GPRS, UMTS, LTE, GPS, Bluetooth, ZigBee, WIFI, UWB and ISM. The product portfolio ranges from starter kits to components for mass production.

In Round Solutions you are part of a dedicated team that is involved in the innovative changes and industry and world growth. Here you are working together with the latest techniques and leading industrial companies in the industry.

Work tasks:

- Design wireless hardware based on the Telit module platform
- Advise customers of m2m wireless components based on Round Solutions portfolio, particularly the Telit 2G, 3G, 4G and GNSS modules
- Program micro controllers and wireless modules in C, C++ and Python
- Customize the existing software scripts to customers needs
- Advise customers on embedded antennas for m2m applications

Professional and personal requirements:

1) Formal training:
   Completed technical training (Bachelor of Engineering in Communications and Electronics or equivalent)

2) Industry Knowledge:
   Prior knowledge of the M2M industry

3) Work experience
   a) Have practical and very good knowledge in wireless devices and protocols including but not limited to: GSM, UMTS, WIFI, Bluetooth Smart, RFID, and GNSS/GPS
   b) PCB Designer with very good understanding of impedance matching, capacitance and inductance effects in PCBs, controlled impedance, power planes, blind and buried vias, and HDI circuits
   c) CID or CID+ certified
   d) Have practical and very good knowledge in PCB assembly and PCB manufacturing
e) Work experience in design schematics for embedded systems: Power Supply, interface circuits, USB and Ethernet controllers, 8/16/32 bits microcontrollers.

f) Experience in developing firmware for 8/16/32 bits Microcontrollers

g) Have practical and very good knowledge in Real Time Operating Systems

h) Good knowledge in Database design including but not limited to MySQL and MSSQL

i) Sound knowledge in C++ and C# (Windows and Web programming)

j) Good knowledge of network protocols

k) Practical and profound knowledge in embedded and external antenna use

Human resource:
Strong teamwork and interpersonal skills
Good command of spoken and written English, an additional language is an advantage.

Reports to: Managing Director

Compensation: base salary and opportunity for bonuses after reaching jointly defined objectives

Take your chance in a dynamic company with a future.
We offer you the opportunity to develop versatile in an international environment.

Please send your documents to jobs@roundsolutions.com

We look forward to receiving your application.

Round Solutions GmbH & Co. KG
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