

## VACANCY - R&D SENIOR FIRMWARE ENGINEER

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**SALARY:** £50k+ p/a  
**HOURS:** 37.5hr p/w  
**LOCATION:** HOOK, RG27 9HX / LONDON  
**EXPERIENCE:** ESSENTIAL

Due to our continued growth we are looking to recruit an experienced R&D Senior Firmware Engineer. This is a fantastic opportunity for proactive and hardworking individuals to join a busy and fast-paced team with excellent career progression and a generous benefits package.

For this role, IoT and Linux System Development experience are essential.

As a Senior Firmware Engineer you will be developing firmware and hardware-level software and support tools. The role will involve architecting, specifying, designing, developing, and testing, embedded firmware solutions for RTOS and Linux based devices, predominantly for IoT Consumer and Industrial products, but experience in Automotive and Medical is also beneficial.

You will need demonstrable experience, (ideally around 5 years) in C or C++ language, Linux Build Systems, such as Yocto or Buildroot, as well as scripting languages e.g., Python, and, ideally, 3-5 years experience and knowledge of System-on-Chip devices used in IoT product designs, e.g. ST, NXP, Microchip, Renesas.

Also required is experience developing firmware to interface with wireless technology, including some of: 2G-4G & LTE Modems, NB-IoT, LoRa, ZigBee, BLE, WiFi, and NFC, as well as Device Driver development experience for sensors e.g., Temp, Humidity, Accelerometer, Gyro, Gas, Capacitance, Light, Current, Voltage, etc.

Desirable would be experience of sending data to the Cloud (e.g., AWS) using TCP, UDP or MQTT, and experience of JAVA and Android App development.

You should have ambition and tenacity to drive a design forward as we are looking for people who want to progress in their career at STI.

A full job description is available on request

[Please apply via the STI website > Current Vacancies](#)

### Surface Technology International Ltd

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