



Technicolor is home to creative technology professionals committed to the creation, management and delivery of entertainment content to consumers around the world. If you are passionate about excellence and innovation, we invite you to come and see us.

You too can be a part of our winning team!

Technicolor Edegem is the world leader in gateway devices and multiple-play applications. We develop state-of-the-art technology for our wide range of- connected home products.

We are currently looking for a

Senior Embedded Software Engineer

Job Purpose

As part of the platform, driver and networking scrum team, you take up development and integration activities for our Linux based gateway products. You work on implementing generic and customer requirements. Therefore you will study technical requirements and third party components in order to design solutions, implement missing functionality and integrate existing software modules.

Job Responsibilities

- You develop embedded SW modules that are part of the networking stack (OSI layer 2 and up).
- You troubleshoot and fix both software and hardware issues.
- You write unit tests, automated component/functional tests and perform code reviews.
- You create and extend documentation.
- You interface with 3rd parties.
- You follow technology evolution.
- You operate in a multi-disciplinary agile team following an iterative development model (scrum) ensuring quality by applying different validation techniques (unit, component, feature, ... test) during development and continuous integration, making use of advanced SW tools.

Education

- Industrial Engineer, Civil Engineer or Masters degree in Computer Science, Electronics, Informatics or similar by experience.

Experience

- Minimum 7 years experience in embedded software development.
- Experience with developing for an embedded Linux device.

Technical skills

- Embedded SW development for Linux (kernel and user space).
- IP networks, routers, DSL gateways, network security.
- Packet switching, bridging, forwarding.
- OSI model.
- Ethernet, VLAN, PPP, IPv4, IPv6, TCP, UDP, ICMP, ...
- Networking protocols (DHCP, DNS, ARP, ND, IGMP, MLD, RTSP, ...).
- QoS, bandwidth management.
- Multimedia applications (VoIP, video streaming, multicast, ...).
- Network tools like ping, iperf, tcpdump, netcat, ...
- Strong coding skills in C.
- Scripting languages such as Lua, Python, Ruby, ...
- Unix shells, busybox.
- Debugging on target (gdb, JTAG).
- Knowledge of OpenWRT is a plus.
- Knowledge of source versioning systems (GIT) is a plus.
- Knowledge of automated testing (Jenkins) is a plus.

Language

- English is mandatory.
- Dutch is a plus.

Key competencies

- Good communication skills on technical matters and able to work in a multi-cultural, collaborative, agile environment.
- A high degree of personal organization, self reliance, desire for success and a positive/constructive attitude.
- Able to work under time pressure.
- Strong analytical problem solver.
- Teamplayer.
- Eager to learn, take initiative, driven.

Location

Edegem (Antwerp), Belgium

Department: Connected Home, PDU Telco Broadband

Our offer

We offer a competitive package including fringe benefits such as a company car, free DSL connection, meal vouchers, hospitalization and group insurance together with career opportunities in a highly advanced technological and innovative environment.

Flexible working helps you manage your work-life balance. Next to the 20 days of statutory annual leave and the public bank holidays, you are entitled to 8,5 days extra from the reduction of working hours. Using our flex time system could allow you to 7,5 days more holidays and after each 5 years of uninterrupted service for Technicolor, you get an extra seniority holiday.

As innovative player, we encourage personal evolution. Collaboration will help you discover new opportunities and new working methods. Furthermore, if needed for you to grow and develop your potential we offer training.

Apply to this position

Technicolor Delivery Technologies Belgium

HR Department

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