



Livello is building the future of autonomous retail and smart inventory management. We are developing a revolutionary IoT Platform and telemetric Smart-Kiosks with shelving and monitoring technology, leveraging newest concepts and engineering principles like automation, autoscaling, resilience, real time monitoring, sensor fusion, computer vision, machine learning and deep analytics. Our stack consists of modern Javascript, Typescript, Node.js, React & Redux, Docker, containers, client libraries, GraphQL, all built on a microservice-based kubernetes architecture, supported by the Google Cloud Platform. We strongly believe in the power of CI/CD and integrate and deploy our applications with modern tools from Gitlab.

To strengthen our team in Düsseldorf (Kirchplatz), we are looking for a

Embedded IoT Software / Firmware Developer Intern / Student

What we offer

- A responsible position in a fast growing and highly innovative start-up
- Young, agile and diverse team with colleagues from all over the world
- Open work environment with flat hierarchies and short decision-making paths
- Cool office in a prime location with lots of shopping/restaurant options nearby
- Advanced technology stack leveraging newest IoT hardware and software
- Plenty of creative freedom for own ideas, projects and personal development
- Free coffee, water, food, fruits and snacks

Requirements / Experience

- Proficient in embedded software C/ C++ and Free RTOS
- Experienced in programming ESP32, STM32 development boards

- Experienced in programming and understanding of BLE, LTE and WiFi components
- Experienced in AMQP, MQTT, Paho protocols
- Enrolled in university (looking for mandatory internship or working student)

Tasks / Responsibilities

- Development and optimisation of innovative IoT and embedded products
 - Creation of software specifications for the development of hardware-related software and application software
 - Carrying out software implementation, preferably under Embedded C (FreeRTOS)
 - Support to the hardware development during the concept and design phase
 - Implementation of integration and system tests
-

Contact

Livello GmbH

Mrs Carmen Eissing

Elisabethstr. 73

40217 Düsseldorf

E-Mail: jobs@livello.com

Website: <https://www.livello.io/>

Please send us your application including your possible **starting date** and **salary expectation** (contact person Carmen Eissing).

We are looking forward to your application!

Your Livello Team