



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

IoT / Edge Software Engineer Intern/Student

experienced with Python, Java, Raspberry Pi, docker and MQTT for the agile development of innovative IoT products, containerised edge / cloud applications and middleware to control hardware components.

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 Java and Python
- Experience using Docker delivering Containers
- Knowledge of MQTT / Mosquito cloud message brokers
- GitLab CI/CD
- Enrolled in university (looking for mandatory internship or working student)

Tasks / Responsibilities

- Develop containerised applications on the edge (Raspberry Pi) using Python, Java and Docker
- Work on our „kiosk controller“ software (Java) to manage all electronic components locally and communicate with the Google Cloud Platform via MQTT
- Implement payment terminals, gateways and protocols using ZVT, OPI, MDB
- Quality assurance of the software through planning, creation and execution of tests
- Work with a cross-functional team to define, build, test, and deploy universal applications
- Version control with Git and continuous integration as part of your daily work

Contact

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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