



Internship Software Development - Backend (80-100%)

As an intern in backend software development at Roambee, you will work on our modern logistics visibility platform, which translates data from our IoT devices and other sources into actionable insights and foresight for our customers. You will develop parsers for new IoT devices, and process and enrich the data in our microservice architecture backend. You will be working in close collaboration with our Backend, Embedded development, and QA teams.

In the first weeks, you will get introduced to our backend microservices and learn how the IoT devices that we use interact with them. You will then be expected to read up on device specifications for currently unsupported devices and develop message parsers based on existing ones. You will also write automated tests for these parsers. Based on the length of your internship, you might also write code to further process and enrich messages coming from the devices. Throughout this process, you will get the support of our experienced backend engineers.

The expected duration of this internship is 3-6 months in the summer of 2022, with a negotiable start and end date.

You will be responsible for:

- Writing code based on specification in collaboration with other team members
- Writing and maintaining code according to our coding standards and best practices
- Writing and maintaining (unit) tests for the features you have developed

What you should bring:

- Experience or willingness to learn Node.js & Typescript
- Knowledge of version control and issue tracking systems (e.g. git, Jira)
- Currently studying Computer Science, Information Systems or similar at FH/ETH
- Strong problem-solving skills, eye for detail, structured work organization and excellent problem-solving skills
- High degree of efficiency and motivation in work habits in a challenging, fast-paced environment
- Proficiency in English
- Eligibility to work in Switzerland

Nice to have:

- Experience in working with IoT devices and an understanding of the challenges this brings

What we offer:

- The possibility to work on an innovative but tangible solution to solve a real-world problem
- Work with a modern technology stack
- A great team
- Flexible work environment
- Nice office close to Zürich, Hardbrücke