



Embedded Test Engineer (f/m)

The COBI.bike Software Development Team is looking for an Embedded Test Engineer with a track record of supporting the development of high quality hard- and software products. You'll work closely with our hardware, embedded, bluetooth and mobile engineers sitting across the office to raise the quality bar across the entire product line.

As an Embedded Test Engineer, you will play a key role in our quality assurance process by designing, building and running automated tests for hardware devices, reporting and verifying defects – in-house and in the field – and signing-off on features. You will own authoring and execution of test plans and test cases. You will have a significant impact on the quality and delivery speed of our soft- and hardware, our business, and most importantly our customers.

What connects us is a passion for cycling, digital technology, and design as well as the desire to try out new things and always question the status quo. We want to make a difference and put ourselves at the forefront of a new movement.

COBI.bike has established a brand new market segment, of which we are the leader. All of our marketing activities are aimed at making COBI.bike touchable and tangible. We scrutinize every action to ensure that it delivers a smooth experience – whether by trying it out, listening to experiences from others or from a trusted partner. The user, rather than technology, is our key priority. Recently acquired by Bosch eBike Systems, our technical know-how will be combined with Bosch's global market share. For us, this is undoubtedly a significant step into the future.

The position is located in Frankfurt/Main Germany.

Main Responsibilities:

- Designs and builds automated testing environments for COBI.bike devices by combining control hardware and software frameworks
- Writes test scripts that can be performed in such test environments
- Assists QM team and partners in analysing defects in the field
- Assists embedded development team in debugging using hard- and software tools
- Continuously increases test case coverage and testbench capabilities
- Proposes interfaces and methods to improve test coverage and fault analysis
- Runs tests, monitors results and creates test reports
- Collaborates with Bosch QM to align testing processes and tools

Requirements:

- Passionate about quality and embedded device testing
- 3+ years experience in software engineering and/or software automation testing
- Experience with writing code for Arduino-like embedded platforms using C or C++
- Experience with developing test frameworks and test scripts using Python, Bash/Shell
- Familiar with full embedded engineering lifecycle including build server automation and version control systems
- Skilled at basic electrical engineering tasks such as reading schematics or taking measurements
- Experience with wireless technologies (e.g. Bluetooth LE) is a plus

Interested? Please find out more about us on www.cobi.bike and get in touch with Jana Wardag (jobs@cobi.bike).