



IoT Software Engineer (m/f/d)

We are WAZIUP e.V, a non-profit organization promoting cutting-edge **Internet of Things technologies in developing countries**. For this, we developed an affordable and scalable IoT platform that already reached thousands of users in developing countries. The platform includes a range of sensing and actuating products, an IoT Gateway with Edge computing, and an Open Cloud platform. With this platform, we aim to accelerate social innovation and empower local IoT entrepreneurship. We are also engaged in IoT capacity building for startups, entrepreneurs and SMEs. We organized bootcamps, training and hackathons in more than 20 countries. We are based in Dresden, Germany and Verona, Italy.

We are looking for a person who is passionate about Internet of Things (IoT) software development. You should love new challenges, making your hands dirty with IoT hardware, and learning new technologies.

Your roles and responsibilities will be:

- research and development on the WAZIUP IoT software and hardware platform,
- development of an advanced AI edge-processing framework for WAZIUP IoT Gateway,
- development of an IoT starter kit for Digital Agriculture,
- performance testing & debugging the WAZIUP IoT platform.

You will be working on a public funded project which is focused on Africa.

Your important skills:

- Master degree or PhD in Electrical Engineering, Computer Science or equivalent qualification
- Software development experience in C/C++, Python, JavaScript, React or Haskell
- Experience or willing to learn GoLang programming
- Experience of working with open IoT hardware such as Arduino and Raspberry PI
- Good understanding of the IoT system and architecture design
- Experience on wireless communication protocol such as LoRa/LoRaWAN
- Familiarity with Machine Learning and AI software tools/framework
- Good command of written and spoken English
- Considered a plus: Good writing skills, UI / UX design experience

What we offer

We are social entrepreneurs and we work for a better digital world tomorrow. You will work in a highly international environment, with colleagues from many different countries in Europe and Africa. We are very tech-driven and open to new ideas. WAZIUP was created from a research project funded by the European Union, putting our research into practice. WAZIUP is a relatively young organization, so you will have the opportunity to exert your talent and



grow personally. You can also expect flexible working and on-going career development opportunities.

Starting date: **immediately**

Full time

Location: Dresden, Germany

Are you interested?

Send us your CV in English to **contact@waziup.org**

More infos on <https://www.waziup.org>